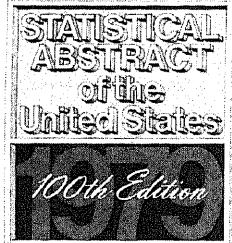


# Outlying Areas Under the Jurisdiction of the United States



This section presents summary economic and social statistics for the Commonwealth of Puerto Rico, the principal possessions of the United States (Virgin Islands, Guam, and American Samoa), the Canal Zone (see below), and, wherever possible, the Trust Territory of the Pacific Islands.

Primary sources are the decennial censuses of population and housing, and the censuses of agriculture, business, and manufactures (taken every five years) conducted by the Bureau of the Census; the annual *Vital Statistics of the United States*, issued by the National Center for Health Statistics; and the annual *Ingreso y Producto* of the Puerto Rico Planning Board, San Juan.

**Jurisdiction.**—The United States gained jurisdiction over these areas as follows:

The islands of *Puerto Rico* and *Guam*, surrendered by Spain to the United States in October 1898, were ceded to the United States by the Treaty of Paris, ratified in 1899. *Puerto Rico* became a commonwealth on July 25, 1952, thereby achieving a high degree of local autonomy under its own constitution. The *Virgin Islands*, comprising 50 islands and cays, were purchased by the United States from Denmark in 1917. *American Samoa*, a group of 7 islands, was acquired by the United States in accordance with a convention among the United States, Great Britain, and Germany, ratified in February 1900.

The use, occupation, and control of the *Canal Zone* granted in 1904 to the United States under the terms of a treaty with the Republic of Panama, was terminated in October 1979. Until 1999, however, the Panama Canal Commission, a U.S. Government agency, will provide for the management, operation, and maintenance of the Panama Canal. The *Trust Territory of the Pacific Islands* comprises 2,141 atolls and islands, about 96 of which are inhabited. This territory, formerly under Japanese mandate, was placed under the United Nations trusteeship system by an agreement approved by the Security Council and the United States in 1947.

For a brief summary of U.S. territorial development, see tables 3 and 343.

**Censuses.**—Because characteristics of the outlying areas differ, the presentation of census data for them is not uniform. The 1960 Census of Population covered all of the places listed above except the Trust Territory of the Pacific Islands (the census of which was conducted in April 1958 by the Office of the High Commissioner), whereas the 1960 Census of Housing also excluded the Canal Zone and American Samoa. The 1970 Census of Population and Housing covered all six areas. The 1959, 1969, and 1974 censuses of agriculture covered Puerto Rico, American Samoa, Guam, and the Virgin Islands; the 1964 census covered the same areas except American Samoa. Beginning in 1967, Congress authorized the economic censuses, covering business, manufactures, and, for Guam and the Virgin Islands, mineral industries, to be taken at 5-year intervals, for years ending in 2 and 7. Prior economic censuses were conducted in Puerto Rico for 1954, 1958, and 1963, and in Guam and the Virgin Islands for 1958 and 1963. In 1972, the census of construction industries was added for the first time for these three areas.

**Information in other sections.**—In addition to the statistics presented in this section, other data are included as integral parts of many tables showing distribution by States in various sections of the *Abstract*. See "Outlying areas of United States" in the index. For definition and explanation of terms used, see section 1, Population; section 5, Education; section 24, Agriculture; section 28, Construction and Housing; section 29, Manufactures; and section 30, Domestic Trade and Services.

## NO. 1521. ESTIMATED POPULATION, BY AREA: 1950 TO 1977

[In thousands. As of July 1. Includes estimates of Armed Forces stationed in area]

AREA	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977
Puerto Rico.....	2,218	2,250	2,358	2,594	2,718	2,804	2,945	3,030	3,123	3,217	3,321
American Samoa.....	19	20	20	25	27	28	29	29	30	30	31
Canal Zone.....	53	55	(NA)	(NA)	44	42	41	41	41	40	(1)
Guam.....	60	69	67	74	87	99	109	105	107	108	111
Virgin Islands.....	27	28	32	43	64	76	84	90	94	96	98
Trust Territory of the Pacific Islands <sup>2</sup> .....	57	66	75	86	102	111	114	118	122	126	129
No. Mariana Islands <sup>2</sup> .....	(NA)	(NA)	(NA)	(NA)	12	13	14	15	15	16	16

NA. Not available. <sup>1</sup> Canal Zone is no longer under U.S. jurisdiction. <sup>2</sup> Data consistent with apportionment census of September 1973 which showed a total population of 14,333 for the Marianas and 114,982 for the Trust Territory. (Excludes 4,462 for Kwajalein Missile Range Facility and 269 with residence not specified.) The Federal census of 1970 showed a population of 90,940, with 3,960 for Kwajalein Island and 9,640 for the Marianas.

## NO. 1522. ESTIMATES OF COMPONENTS OF POPULATION CHANGE, BY AREA: 1960 TO 1970 AND 1970 TO 1977

[In thousands, except percent. Resident population, including Armed Forces stationed in area. See tables 3 and 1521 for population totals. Minus sign (−) denotes decrease. For explanation of methodology, see text, pp. 1-2, and source]

AREA	APRIL 1, 1960, TO APRIL 1, 1970					APRIL 1, 1970, TO JULY 1, 1977				
	Net increase		Births	Deaths	Net migration	Net change		Births	Deaths	Net migration
	Number	Percent				Num-	Per-			
Puerto Rico.....	362.0	15.4	734.0	172.0	-200.0	608.7	22.4	528.6	137.2	217.2
American Samoa.....	7.1	35.4	10.1	1.3	-1.7	3.5	13.0	7.8	1.0	-3.2
Canal Zone.....	2.1	4.9	7.0	1.4	-3.6	(1)	(1)	(1)	(1)	(1)
Guam.....	18.0	26.8	25.6	3.4	-4.2	25.7	30.3	22.6	3.0	6.1
Virgin Islands.....	30.4	94.6	18.6	3.9	15.7	30.7	49.1	19.8	3.6	14.6
Trust Territory of the Pacific Islands <sup>2</sup> .....	320.3	27.2	30.9	4.8	-5.7	(NA)	(NA)	(NA)	(NA)	(NA)
N. Mariana Islands <sup>2</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA. Not available. <sup>1</sup> Canal Zone is no longer under U.S. jurisdiction. <sup>2</sup> See footnote 2, table 1521.  
<sup>3</sup> Census taken in 1958, not 1960.

Source of tables 1521 and 1522: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 80, 336, and 731; and unpublished estimates.

## NO. 1523. POPULATION, BY AGE AND AREAS, 1960 AND 1970, AND BY SEX, 1970

[In thousands, except median age. As of April 1. For population totals, see table 3. For definition of median, see Guide to Tabular Presentation]

AREA, YEAR, AND SEX	Under 5 yr.	5-13 yr.	14-17 yr.	18-20 yr.	21-24 yr.	25-34 yr.	35-44 yr.	45-54 yr.	55-64 yr.	65 yr. and over	18 yr. and over	Median age (years)
Puerto Rico:												
1960.....	354.4	588.7	220.8	123.6	134.1	262.9	238.0	180.8	123.9	122.2	1,185.6	18.5
1970, total.....	318.1	605.5	251.0	158.7	182.8	339.3	274.0	227.5	178.0	177.1	1,537.4	21.6
Male.....	161.3	307.0	126.0	75.1	84.6	158.2	129.7	112.5	89.8	85.7	735.7	20.9
Female.....	156.8	298.5	125.0	83.6	98.2	181.1	144.3	115.0	88.2	91.4	801.7	22.2
American Samoa:												
1960.....	3.7	5.7	2.1	1.0	1.1	2.3	1.8	1.2	.7	.5	8.6	15.2
1970, total.....	4.7	7.5	2.6	1.6	1.6	3.2	2.4	1.8	1.0	.7	12.3	16.1
Male.....	2.4	3.8	1.4	.8	.8	1.6	1.2	.9	.5	.3	6.2	16.1
Female.....	2.3	3.7	1.3	.8	.9	1.6	1.2	.9	.5	.4	6.1	16.1
Guam:												
1960.....	10.8	15.2	3.6	4.3	5.0	12.2	8.6	4.4	1.9	1.1	37.4	20.8
1970, total.....	11.6	20.1	6.8	5.4	8.0	12.6	10.3	5.8	2.8	1.5	46.4	20.4
Male.....	6.0	10.4	3.4	3.2	5.1	7.1	6.3	3.5	1.6	.7	27.5	21.6
Female.....	5.7	9.7	3.4	2.2	2.9	5.5	4.0	2.3	1.2	.8	18.9	18.2
Virgin Islands:												
1960.....	4.9	7.1	2.7	1.4	1.7	3.9	3.5	2.8	1.9	2.2	17.3	20.7
1970, total.....	8.3	12.8	4.4	3.2	4.9	11.4	7.1	5.0	3.0	2.4	37.0	23.0
Male.....	4.2	6.4	2.2	1.6	2.4	5.8	3.6	2.6	1.5	1.0	18.4	23.1
Female.....	4.1	6.4	2.3	1.6	2.5	5.6	3.5	2.4	1.5	1.4	18.5	23.0
Trust Territory of the Pacific Islands:												
1970, total.....	15.6	23.6	9.0	5.3	5.3	9.3	8.4	6.8	4.3	3.8	42.7	16.9
Male.....	7.8	12.0	4.5	2.7	2.7	4.8	4.4	3.6	2.4	1.7	22.2	17.2
Female.....	7.8	11.6	4.5	2.6	2.5	4.5	4.0	3.3	2.0	1.6	20.6	16.6

Source: U.S. Bureau of the Census, *Census of Population: 1960*, vol. I; and *1970*, vol. I, *Characteristics of the Population*, parts 53-58.

## NO. 1524. LAND AREA AND POPULATION CHARACTERISTICS, BY AREA: 1970

(See also table 343 for gross area (land and water). For definition of median, see Guide to Tabular Presentation)

ITEM	Puerto Rico	American Samoa	Canal Zone	Guam	Virgin Islands	Trust Territory of the Pacific Islands
Land area.....sq. miles.....	3,421	76	362	209	132	717
Total population.....	2,712,033	27,159	44,198	84,996	62,468	90,940
Per square mile.....	793	357	122	407	473	127
Percent increase, 1960-1970.....	15.4	35.4	4.2	26.8	94.6	28.6
Urban.....	1,575,491	(X)	2,569	21,671	15,240	(X)
Rural.....	1,136,542	(X)	41,629	63,325	47,228	(X)
Male.....	1,329,949	13,682	24,254	47,362	31,157	46,482
Female.....	1,382,084	13,477	19,944	37,634	31,311	44,458
Males per 100 females.....	96.2	101.5	121.6	125.8	100.5	104.6
Median age.....years.....	21.6	16.1	23.0	20.4	23.0	16.9
Male.....years.....	20.9	16.1	23.1	21.6	23.1	17.2
Female.....years.....	22.2	16.1	22.9	18.2	23.0	16.6
School years completed, persons 25 years old and over.....	1,196,692	9,022	19,855	32,976	28,896	32,155
No school years completed.....	172,653	631	205	1,006	456	10,989
Elementary: 1-8 years.....	569,597	4,387	4,069	10,288	13,382	14,796
High school: 1-3 years.....	130,900	2,233	1,761	5,364	3,788	2,183
4 years or more.....	323,542	1,771	13,820	16,318	11,270	4,207
Median school years completed.....	6.9	8.4	12.5	11.9	9.5	4.1
Marital status, persons 14 years old and over.....	1,788,392	14,925	31,110	53,219	41,372	51,688
Single.....	591,765	5,855	10,847	17,152	14,752	17,705
Married.....	1,037,901	8,216	18,974	33,611	23,780	30,077
Widowed or divorced.....	158,726	854	1,289	2,456	2,840	3,906
<b>Households and families:</b>						
Population in households.....	2,676,270	26,796	39,119	75,233	60,749	87,148
Number of households.....	632,348	3,558	10,054	15,569	17,761	15,214
Population per household.....	4.23	6.95	3.89	4.83	3.42	5.73
Families.....	563,448	3,666	8,803	14,315	13,135	12,980
Husband-wife families.....	443,907	2,870	8,297	12,012	9,750	10,167
Married couples <sup>1</sup> .....	(NA)	3,322	8,321	12,798	9,964	11,705

NA. Not available. X. Not applicable. <sup>1</sup> Includes consensually married couples and separated couples.Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, *Characteristics of the Population*, parts 53-58.

## NO. 1525. POPULATION, BY PLACE OF BIRTH, PERIOD OF IMMIGRATION OF FOREIGN-BORN, AND CITIZENSHIP STATUS—BY AREA: 1970

ITEM	American Samoa	Canal Zone	Guam	Virgin Islands	Trust Territory of the Pacific Islands
<b>Total population.....</b>	<b>27,159</b>	<b>44,198</b>	<b>84,996</b>	<b>62,468</b>	<b>90,940</b>
Native-born, total.....	21,286	33,813	71,512	41,140	89,891
Percent of total.....	78.4	76.5	84.1	65.9	98.8
Born in U.S.....	1,211	23,559	23,934	8,058	3,504
Born in a U.S. territory.....	20,067	9,076	47,472	29,068	86,385
Born in Puerto Rico.....	8	1,178	106	4,014	2
Foreign-born, total <sup>1</sup> .....	5,873	10,385	13,484	21,328	1,049
Percent of total.....	21.6	23.5	15.9	34.1	1.2
Europe.....	43	1,459	821	847	88
Asia.....	4,503	440	11,391	225	428
Americas, other than U.S.....	20	7,849	228	18,984	37
Other.....	1,021	97	120	94	79
By period of immigration:					
Before 1950.....	700	2,959	879	1,047	72
1950-1960.....	788	1,419	1,255	1,554	277
1960-1970.....	4,385	6,007	11,350	18,727	700
By citizenship status:					
Naturalized.....	149	1,338	3,491	2,165	412
Permanent alien.....	4,331	3,066	5,027	7,619	295
Temporary alien.....	1,326	3,944	4,045	11,309	243
Born abroad of American parents.....	57	2,037	921	235	99

<sup>1</sup> Includes foreign-born persons for whom country was not reported.Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, *Characteristics of the Population*, parts 54-58.

## No. 1526. VITAL STATISTICS—SPECIFIED AREAS: 1950 TO 1977

[Births, deaths, and infant deaths by place of residence; marriages and divorces by place of occurrence. Rates for 1950, 1960, and 1970 based on population enumerated as of April 1; for all other years, on population estimated as of July 1]

AREA AND YEAR	BIRTHS		DEATHS		INFANT DEATHS		MARRIAGES		DIVORCES <sup>3</sup>	
	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Rate <sup>2</sup>	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>
Puerto Rico:										
1950.....	86,088	38.9	21,895	9.9	5,807	67.5	20,522	9.3	3,591	1.6
1955.....	77,830	34.6	16,221	7.2	4,343	55.8	18,912	8.4	4,738	2.1
1960.....	76,314	32.5	15,791	6.7	3,307	43.3	20,212	8.6	5,386	2.3
1965.....	79,608	30.2	17,686	6.7	3,406	42.8	25,184	9.6	8,035	3.1
1970.....	67,628	24.8	18,080	6.7	1,930	28.6	29,740	11.1	9,713	3.6
1973.....	71,132	24.1	19,479	6.6	1,716	24.1	34,025	11.5	12,593	4.3
1974.....	69,886	23.1	18,948	6.3	1,511	21.6	32,780	10.8	(NA)	(NA)
1975.....	69,702	22.5	17,805	5.8	1,325	19.2	32,760	10.6	(NA)	(NA)
1976.....	71,888	22.4	19,286	6.0	1,437	20.0	33,530	10.4	(NA)	(NA)
1977.....	75,191	22.6	19,778	6.0	1,514	20.1	33,600	10.1	(NA)	(NA)
Guam:										
1965.....	2,523	32.8	336	4.4	82	32.5	471	6.1	60	.8
1970.....	2,842	28.8	355	5.8	62	21.6	874	9.9	84	1.0
1973.....	3,219	32.2	416	4.2	73	22.6	2,510	27.0	100	1.1
1974.....	3,164	33.0	428	4.4	74	23.4	(NA)	(NA)	(NA)	(NA)
1975.....	3,156	32.0	427	4.3	65	20.6	(NA)	(NA)	(NA)	(NA)
1976.....	3,038	32.5	446	4.8	55	18.1	(NA)	(NA)	(NA)	(NA)
1977.....	2,989	27.0	361	3.3	45	15.1	(NA)	(NA)	(NA)	(NA)
Virgin Islands:										
1950.....	894	33.5	374	14.0	51	57.0	138	5.2	271	10.2
1955.....	913	33.1	311	11.3	41	44.9	221	8.0	103	3.7
1960.....	1,180	36.8	332	10.3	42	35.6	360	10.8	135	4.2
1965.....	1,998	46.2	416	9.6	60	30.0	595	12.0	249	5.7
1970.....	2,898	46.8	469	7.9	72	24.6	1,089	17.4	270	4.6
1973.....	2,375	28.8	459	5.6	71	29.8	1,299	15.7	271	3.3
1974.....	2,449	27.7	462	5.2	61	24.9	1,254	14.2	460	5.2
1975.....	2,372	24.9	477	5.0	62	26.1	1,056	11.1	337	3.5
1976.....	2,343	24.8	447	4.7	68	29.0	926	9.8	439	5.2
1977.....	2,373	25.5	380	4.1	55	23.2	918	9.8	442	4.7

NA. Not available. <sup>1</sup> Per 1,000 population. <sup>2</sup> Per 1,000 live births. <sup>3</sup> Includes reported annulments.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

## No. 1527. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS, BY AREAS

ITEM	Puerto Rico	Ameri-can Samoa	Canal Zone	Guam	Virgin Islands
Enrollment, Fall 1977.....	<sup>1</sup> 688,592	9,291	8,792	<sup>1</sup> 28,570	25,571
Elementary (kindergarten-grade 8).....	<sup>1</sup> 475,979	7,022	6,458	<sup>1</sup> 16,943	20,373
Secondary (grades 9-12 and post graduates).....	1 212,613	2,269	2,334	<sup>1</sup> 11,625	5,198
High-school graduates, 1976-77.....	<sup>2</sup> 25,788	411	638	<sup>2</sup> 1,206	791
Average daily attendance, 1978.....	<sup>3</sup> 646,150	8,287	8,440	<sup>2</sup> 26,318	23,781
Percent of enrollment.....	<sup>3</sup> 93.8	89.2	86.2	<sup>3</sup> 92.1	93.0
Average length of term in days, 1974.....	(NA)	(NA)	175.0	180.0	180.0
Average number of days attended per enrollee, 1974.....	(NA)	(NA)	166.5	148.5	168.2
Instructional staff, 1978.....	<sup>3</sup> 27,424	608	553	<sup>3</sup> 1,469	1,707
Supervisors or consultants (excl. supt. and assist.).....	<sup>3</sup> 168	9	6	<sup>3</sup> 14	4
Principals and assistants.....	<sup>3</sup> 1,121	38	21	<sup>3</sup> 41	75
Teachers.....	<sup>3</sup> 24,761	488	370	<sup>3</sup> 1,294	1,421
Male.....	(NA)	(NA)	125	<sup>3</sup> 279	(NA)
Female.....	(NA)	(NA)	245	<sup>3</sup> 1,015	(NA)
Other professional and educational personnel.....	<sup>3</sup> 1,374	73	156	<sup>3</sup> 120	207
Average salary for classroom teachers, 1978.....	dol. 8,100	<sup>3</sup> 5,100	20,065	<sup>3</sup> 12,488	10,888
Avg. salary for other professional educ. staff, 1978.....	dol. 7,300	(NA)	28,768	<sup>3</sup> 14,724	12,795
Total expenditures, 1978.....	\$1,000. 474,026	7,908	21,832	<sup>3</sup> 36,292	56,237
Current expenditures <sup>4</sup> .....	\$1,000. 462,482	7,908	19,331	<sup>3</sup> 36,004	39,751
Per pupil <sup>5</sup> .....	dollars 694	954	2,290	<sup>3</sup> 1,368	1,672
Other current expenditures <sup>6</sup> .....	\$1,000. 5,823	—	2,501	<sup>3</sup> 288	686
Capital outlay.....	\$1,000. 5,721	—	—	—	15,800
Per pupil <sup>6</sup> .....	dollars (NA)	—	—	—	664

<sup>1</sup> Represents zero. NA. Not available. <sup>2</sup> 1976 data. <sup>3</sup> 1975-76 data. <sup>4</sup> 1977 data. <sup>5</sup> Public elementary and secondary day schools. <sup>6</sup> Annual expenditures per pupil in average daily attendance.

<sup>6</sup> Community services, summer schools, adult education, and community colleges.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, 1977-78.

# School Enrollment and Employment

877

**NO. 1528. SCHOOL ENROLLMENT AND EMPLOYMENT STATUS, 1970, AND PERCENT DISTRIBUTION OF FAMILY INCOME, 1969, BY AREA**

ITEM	Puerto Rico	American Samoa	Canal Zone	Guam	Virgin Islands	Trust Territory of the Pacific Islands
<b>SCHOOL ENROLLMENT, 1970</b>						
Total enrolled, 3-34 years old.....	821,046	10,246	14,012	27,065	17,638	29,425
Elementary, total <sup>1</sup> .....	589,670	8,079	9,757	19,886	13,799	24,713
Public.....	541,106	7,181	9,154	16,323	10,514	22,164
Private, total.....	48,564	898	603	3,563	3,285	2,549
Parochial.....	20,789	401	213	2,553	1,735	1,562
High school (4 years), total.....	168,047	2,089	3,242	5,741	3,258	4,276
Public.....	154,264	1,912	3,172	5,025	2,519	3,279
Private, total.....	13,783	177	70	716	739	997
Parochial.....	5,086	81	17	507	412	508
College, total.....	63,329	78	1,013	1,438	581	436
Public.....	44,500	72	498	1,346	360	390
<b>EMPLOYMENT STATUS, 1970</b>						
Total persons, 16 years old and over.....	1,654,712	13,587	29,184	49,548	39,034	46,970
In labor force.....	679,745	5,395	18,900	32,493	25,724	14,263
Percent of total.....	41.1	39.7	64.8	65.6	65.9	30.4
Armed Forces.....	7,330	10	8,589	9,997	32	128
Civilian labor force.....	672,415	5,385	10,331	22,496	25,692	14,185
Employed.....	634,961	5,094	9,776	22,112	24,501	13,377
Unemployed.....	37,454	291	555	384	1,191	758
Percent of civilian labor force.....	5.6	5.4	5.4	1.7	4.6	5.4
Not in labor force.....	974,967	8,192	10,284	17,055	13,310	32,707
<b>FAMILY INCOME, 1969</b>						
Families, 1970.....	564,751	3,666	8,803	14,315	13,135	12,980
Percent distribution, by income class.....	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$1,000.....	21.4	23.7	1.3	4.5	6.4	53.5
\$1,000-\$1,999.....	13.8	13.0	.6	2.2	4.6	16.9
\$2,000-\$3,999.....	25.5	27.3	5.2	8.5	16.9	14.0
\$4,000-\$5,999.....	14.5	15.3	15.7	17.8	17.9	6.4
\$6,000-\$7,999.....	9.1	7.2	17.8	18.2	13.8	2.8
\$8,000-\$9,999.....	5.4	4.1	11.2	13.7	9.3	1.6
\$10,000-\$14,999.....	6.3	5.8	23.5	20.5	14.9	2.4
\$15,000-\$24,999.....	3.1	3.0	19.6	12.2	11.3	1.2
\$25,000 or more.....	.9	.7	5.1	2.6	4.9	.4
Median income <sup>2</sup> ..... dol.....	3,063	2,840	9,684	7,886	6,612	773

<sup>1</sup> Includes nursery, kindergarten, and grades 1-8. <sup>2</sup> For definition of median, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, *Characteristics of the Population*, parts 53-58.

**NO. 1529. PUERTO RICO—EMPLOYMENT STATUS, BY SEX: 1960 TO 1978**

[In thousands of persons 14 years old and over except, beginning 1977, 16 years old and over. Annual averages of the civilian noninstitutional population]

EMPLOYMENT STATUS	1960, total	1965, total	1970, total	1975, total	1976			1977			1978		
					Total	Male	Female	Total	Male	Female	Total	Male	Female
Total.....	1,369	1,555	1,743	2,099	2,173	1,038	1,135	2,093	993	1,100	2,198	1,041	1,157
In the labor force.....	635	698	778	875	912	616	296	937	628	308	971	661	320
Employed.....	558	617	694	715	734	481	253	750	489	261	796	520	276
Working.....	525	585	658	667	678	448	230	693	458	235	748	492	256
35 hours or more <sup>1</sup> .....	406	470	570	487	446	307	139	521	353	168	581	394	187
Less than 35 hours <sup>2</sup> .....	119	115	88	181	232	141	91	172	105	67	167	98	70
Not working.....	33	31	35	48	56	33	23	56	31	25	48	28	20
Unemployed.....	77	81	84	159	179	136	43	187	130	48	175	131	44
Percent.....	12.1	11.6	10.7	18.2	19.6	22.1	14.5	20.0	22.1	15.6	18.1	20.2	13.8
Not in labor force.....	734	856	965	1,224	1,261	422	339	1,156	365	792	1,227	390	837

<sup>1</sup> Prior to 1976, 30 hours or more. <sup>2</sup> Prior to 1976, less than 30 hours.

Source: Puerto Rico Dept. of Labor, Bureau of Labor Statistics, San Juan, P.R., unpublished data.

## NO. 1530. PUERTO RICO—GROSS PRODUCT AND IMPORTS: 1960 TO 1978

(In millions of dollars. For years ending June 30, 1978 preliminary)

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978
Gross Commonwealth product	1,676	2,764	4,688	6,270	6,798	7,136	7,508	8,094	8,939
Average annual percent change <sup>2</sup>	8.0	10.5	11.1	10.2	8.4	5.0	5.2	7.8	10.4
Sales of domestic production and imports	2,897	4,872	8,440	11,707	13,268	14,551	15,894	17,569	19,163
Goods and services to P.R. users	2,012	3,479	5,954	8,244	8,842	10,118	11,107	11,563	12,619
Consumers	1,397	2,251	3,747	5,222	5,690	6,390	7,361	8,167	9,014
Commonwealth and municipal govts.	218	380	765	1,231	1,326	1,612	1,616	1,728	1,858
Construction	227	501	989	1,117	1,282	1,487	1,277	982	1,128
Producers durable equipment	128	219	413	486	396	426	489	532	589
Changes in inventories	42	128	50	188	148	203	365	154	30
Goods and services to rest of world	885	1,393	2,476	3,453	4,426	4,433	4,787	6,006	6,545
Less: Imports of goods and services	1,221	2,108	3,752	5,438	6,470	7,549	8,406	9,497	10,225

<sup>1</sup> Includes other investments by Puerto Rico Maritime Shipping Authority of \$133 million in 1975, \$21 million in 1976, \$22 million in 1977, and \$.4 million in 1978, not included in breakdown. <sup>2</sup> Change from previous year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation.

## NO. 1531. PUERTO RICO—NET INCOME, BY INDUSTRIAL ORIGIN: 1960 TO 1978

(In millions of dollars. For years ending June 30)

INDUSTRY	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
All industries	1,349	2,230	3,668	4,554	5,068	5,580	5,920	6,206	6,650	7,345
Agriculture	180	190	178	209	218	325	310	322	202	330
Manufacturing	269	553	958	1,283	1,543	1,869	1,941	2,388	2,813	3,224
Food and related products	67	125	161	196	209	244	274	303	315	408
Apparel and related products	51	89	172	186	200	216	205	245	266	292
Metal products and machinery	55	82	192	302	365	446	478	598	741	830
Other manufacturing	116	257	433	599	769	963	983	1,237	1,492	1,688
Mining	2	5	7	8	8	6	6	6	5	6
Contract construction	87	175	338	436	436	456	409	347	290	360
Transp. and other public utilities	127	213	342	412	484	538	621	648	730	767
Trade	237	402	631	782	841	889	945	1,030	1,126	1,210
Finance, insurance, and real estate	141	253	504	627	683	722	700	727	804	891
Services	127	250	448	527	586	666	727	791	895	1,006
Commonwealth Government <sup>2</sup>	175	307	610	877	1,029	1,091	1,334	1,390	1,450	1,558
Rest of the world	-16	-118	-347	-607	-760	-961	-1,072	-1,438	-1,754	-1,963

<sup>1</sup> Includes radio and television. <sup>2</sup> Includes public enterprises, not elsewhere classified.Source of tables 1530 and 1531: Puerto Rico Planning Board, San Juan, P.R., *Ingreso y Producto*, annual, and unpublished data.

## NO. 1532. PUERTO RICO—RECEIPTS AND EXPENDITURES OF THE CENTRAL GOVERNMENT, BY MAJOR ITEM: 1960 TO 1978

(In millions of dollars. For years ending June 30, 1978, preliminary)

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Receipts	351	672	1,275	1,777	1,949	2,029	2,402	2,929	3,073	3,375
Taxes	237	408	735	997	1,085	1,102	1,294	1,605	1,723	1,702
Personal	40	88	188	261	296	330	397	462	533	460
Corporate	26	54	92	149	157	169	167	171	180	236
Indirect business	172	265	456	587	632	603	730	972	1,010	1,095
Contributions to social insurance	45	81	162	221	250	270	335	362	372	402
Profits from govt. business enterprises	6	11	6	-8	-38	-14	-63	-78	-116	-63
Interest and dividends	10	17	49	59	67	75	73	79	88	104
Sales of goods and services	9	37	67	94	93	97	112	138	145	150
Transfers from Federal Govt.	44	118	257	413	492	500	651	823	860	989
Transfers from private enterprises	-	-	-	1	1	(Z)	(Z)	(Z)	(Z)	(Z)
Expenditures	287	548	1,105	1,549	1,797	1,957	2,416	2,617	2,778	2,963
Purchases of goods and services	227	417	831	1,134	1,325	1,422	1,725	1,754	1,873	2,008
Compensation of employees	174	307	610	877	1,029	1,091	1,334	1,390	1,450	1,558
Other purchases	103	197	390	516	561	585	671	675	698	744
Less: Capital expenditures	50	87	169	259	265	253	279	312	274	205
Interest	7	19	38	61	73	89	116	140	149	179
Subsidies	9	11	33	51	72	91	98	99	100	106
Transfer payments to persons	44	82	173	266	284	307	405	545	570	579
Transfer payments to Federal Govt.	(Z)	19	30	37	44	47	71	80	86	90
Savings <sup>1</sup>	64	124	170	228	152	72	-13	311	295	411

<sup>1</sup> Represents zero. Z Less than \$500,000.<sup>2</sup> Includes disbursements for land acquisition, equipment purchases, and other capital investments.

Source: Puerto Rico Dept. of the Treasury, San Juan, P.R., unpublished data.

## No. 1533. PUERTO RICO—BUSINESS SUMMARY: 1967 AND 1972

[Receipts and payroll in millions of dollars; for discussion of coverage, see text, pp. 827-828]

KIND OF BUSINESS (Based on 1972 Standard Industrial Classification System)	1967		1972		Payroll, entire year	Em- ployees <sup>1</sup>
	Estab- lish- ments	Total receipts	Estab- lish- ments	Total receipts		
<b>Wholesale trade<sup>2</sup></b>						
Motor vehicles, automotive equipment	1,675	1,540	2,074	2,510	166	26,609
Drugs, chemicals, allied products	70	56	141	168	13	2,101
Dry goods, apparel	165	130	176	224	20	2,983
Groceries and related products	165	70	168	116	6	1,083
Electrical goods	489	515	500	780	31	5,957
Machinery, equipment, supplies	102	101	107	131	13	1,878
Petroleum bulk stations	259	153	200	254	31	4,437
	39	127	34	207	4	560
<b>Retail trade<sup>2</sup></b>						
Building materials, hardware, farm equip. dealers	32,201	1,689	29,980	2,967	275	69,669
Hardware stores	795	123	982	263	27	5,784
General merchandise group stores	383	38	575	105	11	2,510
Department stores	997	187	1,544	359	42	10,073
Food stores, eating and drinking places	38	110	47	217	26	6,167
Grocery stores, eating and drinking places	23,327	613	18,839	905	77	22,842
	21,084	577	16,310	839	70	20,942
Automotive dealers, gasoline service stations <sup>2</sup>	1,576	342	2,231	(D)	(D)	(D)
Motor vehicle dealers—new and used cars	152	188	308	456	26	4,421
Gasoline service stations	1,029	100	1,317	172	11	3,625
Apparel, accessory stores <sup>2</sup>	2,189	163	2,288	294	34	9,327
Men's, boys' apparel and access. stores, custom-tailors	522	39	614	(D)	(D)	(D)
Women's clothing, specialty stores	914	57	949	(D)	(D)	(D)
Family clothing stores	429	21	312	33	4	1,014
Furniture, homefurnishings, equipment stores	1,161	122	1,418	(D)	(D)	(D)
<b>Selected services<sup>2</sup></b>						
Hotels, tourist courts, motels	10,429	348	14,150	512	148	31,955
Personal services	218	99	263	130	53	9,518
Auto repair, auto services, garages	3,212	34	3,008	52	12	3,519
Amusement, recreation services, and motion pictures	1,181	30	1,438	63	12	2,900
	4,589	127	7,824	87	14	3,743

D Withheld to avoid disclosure.

<sup>1</sup> For week including Mar. 12.<sup>2</sup> Includes data not shown separately.Source: U.S. Bureau of the Census, *Census of Outlying Areas, Wholesale Trade, Retail Trade, and Selected Service Industries, 1972: Puerto Rico series OAC72-1*.

## No. 1534. PUERTO RICO—MANUFACTURES, BY INDUSTRY: 1967 AND 1972

INDUSTRY (Based on 1972 Standard Industrial Classification System)	1967			1972				Value added by manu- fac- ture <sup>2</sup> (mil. dol.)	Value added by manu- fac- ture <sup>2</sup> (mil. dol.)	
	Es- tab- lish- ments	All em- ployees <sup>1</sup>	Value added by manu- fac- ture <sup>2</sup> (mil. dol.)	All employees		Production workers				
				Es- tab- lish- ments	Num- ber <sup>1</sup>	Salaries, wages (mil. dol.)	Num- ber <sup>1</sup>	Wages (mil. dol.)		
<b>All industries<sup>4</sup></b>	2,367	121,537	1,002.8	2,340	149,748	616.8	130,566	475.5	4,143.6	1,915.4
Food and kindred products	443	21,187	259.8	321	27,739	121.2	20,351	79.7	970.6	343.4
Tobacco products	44	6,899	41.0	28	4,508	16.0	4,274	15.0	111.4	46.4
Textile mill products	66	5,753	35.0	81	7,819	27.9	7,379	24.2	168.8	67.1
Apparel and other textile prod.	405	34,474	144.7	473	39,624	124.1	37,523	110.6	466.0	252.5
Lumber and wood products	140	1,711	9.0	100	1,194	4.5	1,115	3.9	18.1	8.2
Furniture and fixtures	153	2,794	16.4	140	3,213	13.0	2,874	9.6	53.9	29.3
Paper and allied products	27	1,287	12.2	37	1,567	8.2	1,399	6.7	42.6	17.9
Printing and publishing	129	2,482	19.8	129	2,968	16.7	1,785	9.6	64.0	41.8
Chemicals and allied prod.	(NA)	(NA)	(NA)	125	8,979	58.8	7,185	38.1	708.6	451.2
Petroleum and coal products	10	1,709	(D)	16	2,181	20.7	1,728	12.6	469.1	91.7
Rubber and misc. plastic prod.	(NA)	(NA)	(NA)	56	3,494	14.0	3,240	11.9	48.0	27.4
Leather and leather products	78	10,312	46.6	57	6,611	20.4	6,337	18.2	78.6	39.3
Stone, clay, and glass prod.	235	6,211	58.6	189	6,250	29.0	5,018	21.5	130.5	73.1
Primary metal industries	17	838	9.1	16	956	5.3	784	3.7	33.1	14.3
Fabricated metal products	(NA)	(NA)	(NA)	219	5,247	27.6	4,547	21.0	156.8	79.2
Machinery, exc. electrical	35	1,006	12.2	64	2,229	12.8	1,767	10.0	56.1	37.6
Electric and electronic equip.	91	8,432	82.5	105	14,671	50.4	13,617	40.7	287.5	169.6
Instruments and related prod.	36	3,836	33.4	25	712	3.1	624	2.5	12.6	6.8
Transportation equipment	17	517	(D)	44	6,066	29.0	5,497	23.8	130.5	84.2

D Withheld to avoid disclosure. N.A. Not available. <sup>1</sup> Average for year. <sup>2</sup> See footnotes 6, table 1407. <sup>3</sup> Represents net selling value, f.o.b. plant. Excludes freight charges and excise taxes. Includes extensive duplication arising from shipments between establishments in the same industry.<sup>4</sup> Includes data for industries not shown separately.Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, Manufactures, Puerto Rico*, series OAC72-4.

## NO. 1535. PUERTO RICO—CONSTRUCTION SUMMARY: 1967 AND 1972

[Money figures in millions of dollars]

INDUSTRY (Based on 1972 Standard Industrial Classification System <sup>1</sup> )	1967		1972				
	Establishments	Total receipts	Establishments	Total receipts	Payroll, entire year	Employees	Value added
Construction <sup>2</sup>							
General building contractors and operative builders.	1,230	774	1,516	1,129	268	60,470	497
General contractors, residential buildings.	351	498	684	693	136	32,759	260
Single-family houses.	(NA)	(NA)	441	425	91	21,809	169
Operative builders.	85	141	384	289	58	14,035	119
General contractors, nonresidential buildings.	(NA)	(NA)	161	111	26	6,663	38
Heavy construction, general contractors.	128	132	150	207	65	12,183	112
Special trade contractors <sup>2</sup>	496	132	648	216	64	15,026	118
Plumbing, heating, air-conditioning.	77	28	103	47	12	2,286	22
Painting, paperhanging, decorating.	33	3	49	(D)	2	456	(D)
Electrical work.	83	29	126	47	15	2,856	23
Masonry, plastering, and tile setting.	77	10	85	13	11	3,005	9
Carpentering and flooring.	35	1	43	1	1	393	1
Concrete work.	19	(D)	48	(D)	9	2,035	(D)

D Withheld to avoid disclosure. NA Not available. <sup>1</sup> See text, pp. 827-828.  
not shown separately. <sup>2</sup> Based on 1967 classification and not comparable with 1972.<sup>2</sup> Includes industries  
Flooring only.Source: U.S. Bureau of the Census, *Census of Construction Industries, 1967: Puerto Rico*, series CC67-PR; and *Censuses of Outlying Areas, 1972, Construction Industries: Puerto Rico*, series OAC72-3.

## NO. 1536. PUERTO RICO—AGRICULTURE: 1969 AND 1974

[1 cuerda = .97 acre. Tons specified are short tons]

CROP	LAND HARVESTED (1,000 cuerdas)		PRODUCTION (millions)		Sales, 1974 (mil. dol.)	CROP	LAND HARVESTED (1,000 cuerdas)		PRODUCTION (millions)		Sales, 1974 (mil. dol.)		
	1969	1974	Unit	1969	1974		1969	1974	Unit	1969	1974		
Sugarcane	180.4	128.3	Tons	5.9	3.9	98.1	Tobacco	3.7	2.4	Lb.	4.8	3.5	1.9
Coffee	125.5	114.8	Lb.	17.5	23.1	15.1	Bananas	14.1	32.3	No.	332	1,040	(NA)
Vegetables <sup>1</sup>	4.6	5.1	(X)	(X)	(X)	5.7	Oranges	16.2	16.7	No.	134	112	(NA)
Pineapples	3.5	2.7	Tons	.5	.4	2.9	Taniers	5.2	5.6	Lb.	13.8	16.8	(NA)
Plantains	8.3	13.2	No.	95	166	(NA)	Pigeon peas	6.2	7.9	Lb.	4.0	5.7	(NA)

NA Not available. X Not applicable. <sup>1</sup> For sale.Source: U.S. Bureau of the Census, *Census of Agriculture: 1974*, vol. I.

## NO. 1537. PUERTO RICO—MERCHANDISE IMPORTS AND EXPORTS: 1960 TO 1978

[In millions of dollars]

ITEM	1961-1965, avg.	1966-1970, avg.	1971-1975, avg.	1960	1965	1970	1973	1974	1975	1976	1977	1978
Imports	1,274	2,144	3,929	924	1,543	2,681	3,593	4,961	4,885	5,928	6,200	6,918
From U. S.	1,054	1,700	2,641	771	1,275	2,070	2,623	2,945	3,029	3,677	3,552	4,301
From other	220	444	1,288	153	263	611	970	2,016	1,856	2,251	2,649	2,527
Exports	863	1,426	2,596	604	1,006	1,680	2,727	3,275	3,000	3,735	4,516	5,123
To U. S.	837	1,337	2,330	588	969	1,563	2,479	2,871	2,633	3,298	4,009	4,499
To other	27	89	266	16	37	117	248	404	367	437	507	624

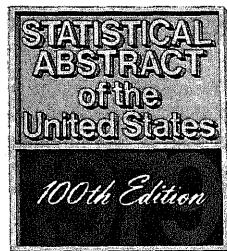
Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States*, annual; U.S. Trade with Puerto Rico and U.S. Possessions, FT 800; and unpublished data.

## NO. 1538. GUAM AND VIRGIN ISLANDS—BUSINESS SUMMARY: 1972

KIND OF BUSINESS (Based on 1972 Standard Industrial Classification System <sup>1</sup> )	GUAM				VIRGIN ISLANDS			
	Establishments	Sales or receipts (\$1,000)	Payroll (\$1,000)	Paid employees <sup>2</sup>	Establishments	Sales or receipts (\$1,000)	Payroll (\$1,000)	Paid employees <sup>2</sup>
Total	710	(X)	54,296	11,128	1,861	(X)	104,357	18,812
Manufacturing	29	62,635	6,751	1,201	97	626,686	25,981	3,375
Wholesale trade	60	60,737	5,742	945	106	70,407	5,373	833
Retail trade	416	137,573	16,768	3,867	883	223,162	27,693	5,681
Selected services	135	29,297	8,525	2,141	590	60,574	19,507	4,709
Construction	70	50,154	16,510	2,974	185	77,624	25,803	4,214

X Not applicable. <sup>1</sup> See text, pp. 827-828.<sup>2</sup> Week including Mar. 12.Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, 1972: Virgin Islands and Guam*, series OAC 72-5 and 72-6, respectively.

# Comparative International Statistics



This section presents statistics for the world as a whole and for many countries on a comparative basis with the United States. Selected data are shown for area and population, births and deaths, social and industrial indicators, finances, agriculture, transportation and communication, and military affairs.

The principal sources for these data are the United Nations *Statistical Yearbook* and the U.S. Bureau of the Census publication *World Population*. Statistics of the individual nations may be found primarily in official national publications, generally in the form of yearbooks, issued by most of the nations at various intervals in their own national languages, expressed in their own or customary units of measure. For handier reference, especially for international comparisons, the Statistical Office of the United Nations compiles and issues a number of international summary publications, generally in English and French. Among these are the *Statistical Yearbook*; the *Demographic Yearbook*; the *Yearbook of International Trade Statistics*; the *Yearbook of National Accounts Statistics*; Vol. II, *International Tables; Population and Vital Statistics Reports* (quarterly); the *Monthly Bulletin of Statistics*; and *World Energy Supplies*.

The Bureau of the Census, in *Country Demographic Profiles*, series ISP-30, presents data on individual countries for both a recent census year and the current period; and in *World Population: 1977*, estimates of basic demographic measures for countries and regions of the world. The *International Population Statistics Reports*, series P-90 and P-91, issued by the Bureau of the Census, also present population figures for many foreign countries. Other sources for foreign agricultural, labor, and education statistics are publications of specialized agencies of the United Nations, such as the *Production Yearbook* issued by the Food and Agriculture Organization, the *Yearbook of Labour Statistics* issued by the International Labour Office, and the *Statistical Yearbook* issued by the Educational, Scientific, and Cultural Organization.

The U.S. Arms Control and Disarmament Agency and the International Monetary Fund (IMF) also compile data on international statistics. In its *World Military Expenditures and Arms Transfers*, published annually, the Arms Control and Disarmament Agency presents data on various economic indicators, as well as basic military data. Among the topics presented have been military expenditures, GNP, public health and public education expenditures, physicians and teachers, imports and exports, and armed forces, by region and/or country. The IMF publishes a series of reports relating to financial data. These include *International Financial Statistics*, *Direction of Trade*, and *Balance of Payments Yearbook*, published in English, French, and Spanish.

**Statistical coverage, country names, and classifications.**—Problems of space and availability of data limit the number of countries and the extent of statistical coverage shown. The list of countries included is based almost entirely on a U.S. Department of State list of sovereign nations, dependencies, and areas of special sovereignty published biennially by the U.S. Department of State in *Status of the World's Nations*. Country names are shown here as specified in that publication. In the few cases where a lack of comparability exists between State Department and United Nations' terminology, the State Department's preferences are used.

The countries and regions in tables 1541, 1544, and 1545 are classified as either "more developed" or "less developed," according to a *regional* classification system used by the Census Bureau in its *World Population: 1977*. The system is based on the assumption that, within regions, levels of such factors as industrial development, literacy rate, gross reproduction rate, per capita income, etc., are somewhat constant. According to the scheme, countries in Northern America, Europe, Japan, Australia, New Zealand, and the U.S.S.R. are "more developed"; all others are "less developed".

**Economic associations.**—The Organisation for European Economic Co-operation (OEEC), a regional grouping of Western European countries established in 1948 for the purpose of harmonizing national economic policies and conditions, was succeeded on September 30, 1961, by the Organisation for Economic Co-operation and Development (OECD). The member nations of the OECD are Austria, Greece, Iceland, Norway, Portugal, Spain, Sweden, Switzerland, Turkey, the "Common Market" countries—and also Finland, Canada, the United States, Japan, Australia, and New Zealand, plus Yugoslavia in special status category.

**Quality and comparability of the data.**—The quality and comparability of the data presented here are affected by a number of factors:

(1) The year for which data are presented may not be the same for all subjects for a particular country, or for a given subject for different countries, though the data shown are the most recent available. All such variations have been noted. The data shown are for calendar years except as otherwise specified.

(2) The bases, methods of estimating, methods of data collection, extent of coverage, precision of definition, scope of territory, and margins of error may vary for different items within a particular country, and for like items for different countries. Footnotes and headnotes to the tables give a few of the major time-period and coverage qualifications attached to the figures; considerably more detail is presented in the source publications. Many of the measures shown are, at best, merely rough indicators of magnitude.

It should be noted, for example, that in interpreting the absolute levels of GNP and per capita GNP, the market exchange rates used in converting national currencies to U.S. dollars do not necessarily reflect the relative purchasing power of the various currencies. In 1978, market exchange rates were strongly influenced by balance-of-payments disequilibria, which may be presumed to be temporary, and by market expectations of future changes in relative purchasing power and economic indicators.

In terms of actual 1978 purchasing power, the U.S. dollar was undervalued in comparison with the "strong" European currencies and the Japanese yen; the same was true of sterling and the Italian lira. The Swiss franc was overvalued in comparison with all currencies. As a consequence, it should not be concluded, for instance, that Switzerland's individual standard of living in 1978 was 46 percent higher than that of the U.S., or that the U.K.'s was 42 percent lower, as the statistics may imply. (See table 1556.)

(3) Figures shown in this section for the United States may not always agree with figures shown in the preceding sections. Disagreements may be attributable to the use of differing original sources, a difference in the definition of geographic limits (the 50 States, conterminous United States only, or the United States including certain outlying areas and possessions), or to possible adjustments made in the United States figures by the United Nations or other sources in order to make them more comparable with figures from other countries.

**Conversion factors.**—To facilitate comparison in terms of familiar units, some items shown in metric units in the source have been converted to U.S. equivalents by means of the abbreviated conversion factors shown below. Additional conversion factors appear on p. xvi.

#### CONVERSION FACTORS

<i>Metric units</i>	<i>U.S. equivalents</i>
1 square kilometer	0.3861 sq. mile
1 metric ton (1,000 kilograms)	1.1023 short tons
1 hectolitre	26.4172 U.S. gallons
1 cubic meter	35.3147 cubic feet

## No. 1539. WORLD SUMMARY: 1960 TO 1977

[See text, p. 882, for general comments concerning quality of the data]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977
<b>Population.....</b>	<b>Millions.....</b>	<b>2,986</b>	<b>3,288</b>	<b>3,610</b>	<b>3,818</b>	<b>3,890</b>	<b>3,967</b>	<b>4,044</b>	<b>4,124</b>
<b>Farm products, wood, fish:</b>									
Barley.....	Mil. sh. tons.....	100	117	154	186	189	173	203	195
Coffee.....	Mil. sh. tons.....	4.7	5.6	4.2	4.7	5.4	4.9	4.0	4.7
Corn.....	Mil. sh. tons.....	226	250	289	346	326	359	369	384
Cotton (lint).....	Mil. sh. tons.....	11	13	13	15	15	14	13	15
Peanuts (groundnuts).....	Mil. sh. tons.....	15	18	20	19	19	21	20	20
Potatoes.....	Mil. sh. tons.....	314	314	344	348	323	316	321	354
Rice.....	Mil. sh. tons.....	261	282	348	366	367	397	386	409
Soybeans.....	Mil. sh. tons.....	30	40	51	69	63	76	68	87
Tobacco.....	Mil. sh. tons.....	4.2	5.0	5.1	5.3	5.8	6.0	6.2	6.2
Wheat.....	Mil. sh. tons.....	289	295	351	415	397	391	461	425
Wool, greasy.....	Mil. sh. tons.....	2.8	2.9	3.1	2.7	2.9	2.9	2.8	2.8
Roundwood.....	Bil. cu. ft.....	67	73	85	88	89	85	88	90
Fish catches.....	Mil. sh. tons.....	44	59	78	74	79	78	82	81
<b>Industrial production:</b>									
Electric energy.....	Bil. kWh.....	2,304	3,380	4,923	6,084	6,261	6,453	6,908	7,210
Energy (coal equivalent).....	Mil. sh. tons.....	4,936	6,153	8,046	9,312	9,410	9,284	9,806	10,201
Coal.....	Mil. sh. tons.....	2,170	2,218	2,382	2,439	2,480	2,615	2,684	2,729
Lignite.....	Mil. sh. tons.....	700	816	874	910	928	951	984	994
Coke oven coke.....	Mil. sh. tons.....	274	346	385	401	411	407	409	399
Crude petroleum.....	Bil. bbl.....	8	11	17	21	21	20	21	22
Iron ore.....	Mil. sh. tons.....	283	350	466	516	566	559	565	532
Nickel ore.....	1,000 sh. tons.....	371	483	727	763	827	821	883	883
Tin concentrate.....	1,000 sh. tons.....	153	171	204	204	199	194	191	204
Meat.....	Mil. sh. tons.....	68	77	93	100	106	108	110	113
Wheat flour <sup>1</sup> .....	Mil. sh. tons.....	109	118	134	138	137	139	142	143
Sugar.....	Mil. sh. tons.....	58	72	80	86	87	90	95	101
Wine.....	Bil. gal.....	6	8	10	9	8	8	8	8
Beer.....	Bil. gal.....	11	13	17	19	20	21	21	21
Cigarettes <sup>1</sup> .....	Billions.....	1,899	2,206	2,688	2,944	3,111	3,112	3,252	3,322
Noncellulosic fibers.....	1,000 sh. tons.....	772	2,260	5,368	8,037	8,477	8,223	9,535	9,987
Sawnwood.....	Bil. cu. ft.....	12	13	14	15	15	14	15	15
Woodpulp.....	Mil. sh. tons.....	65	87	115	128	132	114	123	128
Newsprint.....	Mil. sh. tons.....	15	19	24	24	25	23	24	25
Cement.....	Mil. sh. tons.....	349	477	626	766	771	764	807	837
Pig iron and ferroalloys.....	Mil. sh. tons.....	286	369	484	564	581	588	557	549
Crude steel.....	Mil. sh. tons.....	382	506	655	764	776	710	742	735
Magnesium.....	1,000 sh. tons.....	100	173	250	269	272	291	256	279
Tin <sup>1</sup> .....	1,000 sh. tons.....	163	166	202	204	197	193	198	197
Merchant vessels, launched <sup>1</sup> .....	Mil. gr. tons.....	8.4	12.2	21.7	31.5	34.6	35.9	31.0	24.2
Motor vehicles.....	Millions.....	16.5	24.3	29.3	38.6	34.3	33.0	38.2	42.7
<b>External trade:</b>									
Imports, c.i.f.....	Bil. U.S. dol.....	136	197	329	591	854	903	1,015	1,155
Exports, f.o.b.....	Bil. U.S. dol.....	128	186	314	577	842	874	991	1,125
<b>Transport:</b>									
Railway freight.....	Bil. sh. ton-mi.....	2,286	2,873	3,438	3,948	4,097	4,104	4,179	4,253
Merchant shipping, freight <sup>2</sup> .....	Mil. sh. tons.....	1,224	1,849	2,533	3,516	3,624	3,500	3,695	3,830
Civil aviation, miles flown <sup>1</sup> .....	Millions.....	1,926	2,548	4,356	4,673	4,580	4,673	4,878	5,027

<sup>1</sup> Excludes People's Republic of China. Tin, tin concentrate, and merchant vessels exclude U.S.S.R. For other exclusions, see source. <sup>2</sup> Freight loaded.<sup>1</sup> Scheduled services of members of Int'l Civil Aviation Organization.Source: Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

## No. 1540. WORLD POPULATION AND AREA, BY SIZE OF COUNTRY: 1970 AND 1977

[Covers only countries listed in table 1544. See headnote, table 1544]

POPULATION CLASS	1970						1977					
	Countries		Population		Area		Countries		Population		Area	
	Total number	Percent of total	Total (mil.)	Percent of total	Total (1,000 sq. mi.)	Percent of total	Total number	Percent of total	Total (mil.)	Percent of total	Total (1,000 sq. mi.)	Percent of total
<b>Total.....</b>	<b>169</b>	<b>100.0</b>	<b>3,720</b>	<b>100.0</b>	<b>51,335</b>	<b>100.0</b>	<b>169</b>	<b>100.0</b>	<b>4,256</b>	<b>100.0</b>	<b>51,562</b>	<b>100.0</b>
Under 1 million.....	45	26.6	15	.4	1,171	2.3	44	26.0	16	.4	1,159	2.2
1-5 million.....	47	27.8	133	3.6	5,737	11.2	42	24.9	126	3.0	5,321	10.3
5-10 million.....	26	15.4	189	5.1	4,291	8.4	28	16.6	202	4.8	4,135	8.0
10-25 million.....	25	14.8	387	10.4	14,057	27.4	25	14.8	388	9.1	11,807	22.9
25-50 million.....	11	6.5	368	9.9	2,854	5.6	15	8.9	533	12.5	5,742	11.1
Over 50 million.....	15	8.9	2,628	70.6	23,224	45.2	15	8.9	2,990	70.3	23,400	45.4

Source: Compiled from data in U.S. Bureau of the Census, *World Population: 1977—Recent Demographic Estimates for the Countries and Regions of the World*, 1978 and U.S. Department of State, *Status of the World's Nations*, biennial.

## NO. 1541. WORLD POPULATION AND GROWTH, BY CONTINENT AND REGION: 1950 TO 1977

[For explanation of "more developed" and "less developed" categories, see text, p. 881]

CONTINENT AND REGION	MIDYEAR POPULATION (millions)							ANNUAL RATE OF GROWTH <sup>1</sup> (percent)				
	1950	1955	1960	1965	1970	1975	1977	1950-1960	1960-1965	1965-1970	1970-1975	1975-1977
World total.....	2,526	2,770	3,058	3,371	3,722	4,100	4,258	1.9	2.0	2.0	1.9	1.9
More developed regions.....	855	913	975	1,037	1,087	1,137	1,154	1.3	1.2	1.0	.9	.7
Less developed regions.....	1,671	1,856	2,052	2,335	2,634	2,963	3,103	2.2	2.3	2.4	2.4	2.3
Percent of world.....	66.1	67.0	68.1	69.3	70.8	72.3	72.9	(X)	(X)	(X)	(X)	(X)
Africa <sup>2</sup> .....	222	247	277	313	356	407	431	2.2	2.5	2.6	2.7	2.8
Asia.....	1,387	1,534	1,710	1,903	2,133	2,382	2,486	2.1	2.1	2.3	2.2	2.1
More developed regions.....	106	116	124	133	143	156	160	1.6	1.4	1.5	1.6	1.4
Less developed regions.....	1,281	1,418	1,556	1,769	1,990	2,227	2,326	2.1	2.2	2.3	2.3	2.2
East Asia <sup>3</sup> .....	673	744	828	912	1,018	1,130	1,175	2.1	1.9	2.2	2.1	2.0
South Asia <sup>3</sup> .....	714	790	882	990	1,115	1,252	1,311	2.1	2.3	2.4	2.3	2.3
Latin America <sup>2,3</sup> .....	166	180	216	249	284	324	342	2.7	2.8	2.7	2.6	2.6
Middle America <sup>2,3</sup> .....	36	42	49	57	67	79	84	3.0	3.2	3.2	3.2	3.2
Caribbean <sup>2,3</sup> .....	17	18	20	23	25	28	29	1.9	2.2	1.9	2.0	1.8
South America <sup>2,3</sup> .....	113	129	147	168	192	218	229	2.7	2.7	2.6	2.5	2.5
Northern America <sup>2,3</sup> .....	166	182	199	214	226	236	240	1.8	1.5	1.1	.9	.8
Europe <sup>4</sup> .....	393	408	425	444	459	474	478	.8	.9	.7	.6	.4
U.S.S.R. <sup>4</sup> .....	180	196	214	231	243	254	259	1.7	1.5	1.0	.9	.9
Oceania.....	13	14	16	18	19	21	22	2.3	2.2	1.9	1.9	1.3
Australia and New Zealand <sup>4</sup> .....	10	11	13	14	15	17	17	2.3	2.1	1.8	1.7	1.0
Less developed regions.....	2	3	3	3	4	4	5	2.6	2.7	2.6	2.5	2.4

X Not applicable. <sup>1</sup> Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>2</sup> Less developed region. <sup>3</sup> For component countries, see table 1545. <sup>4</sup> More developed region.

## NO. 1542. WORLD POPULATION CHARACTERISTICS, 1975 AND 1977, AND PROJECTIONS TO 2000

[Source of data presents 3 levels or series of projections: Medium, high, and low. Figures shown here are for medium series]

ITEM	1975	1977	1980	1985	1990	1995	2000
World total..... mil.	4,100	4,258	4,500	4,918	5,365	5,849	6,353
Population per sq. mi.....	78	81	86	94	102	112	121
Males..... mil.	2,050	2,130	2,253	2,465	2,691	2,936	3,191
Females..... mil.	2,051	2,128	2,247	2,453	2,673	2,912	3,152
Under 5 years old..... percent	13.6	13.4	13.0	12.5	12.1	11.9	11.6
5 to 14 years old..... percent	28.3	23.1	22.9	22.3	21.5	20.9	20.6
65 years old and over..... percent	5.3	5.3	5.4	5.4	5.6	5.9	6.1
Median age..... years	21.7	21.9	22.3	22.9	23.6	24.3	25.0
More developed regions <sup>1</sup> ..... mil.	1,137	1,154	1,179	1,224	1,268	1,309	1,345
Less developed regions <sup>1</sup> ..... mil.	2,963	3,103	3,321	3,694	4,097	4,540	5,008

<sup>1</sup> See headnote, table 1541.

## NO. 1543. WORLD VITAL STATISTICS AND LIFE EXPECTANCY, 1976, AND PROJECTIONS TO 2000

[1976, for calendar year. Projections, for year ending June 30]

ITEM	1976	1980	1985	1990	1995	2000
World growth rate..... percent	1.9	1.9	1.8	1.8	1.7	1.6
Crude birth rate <sup>1</sup> ..... per 1,000 population	31.0	30.1	28.5	27.7	26.9	25.6
Crude death rate <sup>1</sup> ..... per 1,000 population	12.4	11.5	10.6	10.1	9.5	9.0
Total fertility rate <sup>2</sup> .....	<sup>3</sup> 4.3	4.0	3.7	3.5	3.4	3.3
Life expectancy at birth, both sexes..... years	<sup>3</sup> 58.7	60.3	61.8	63.2	64.4	65.6
Male..... years	<sup>3</sup> 56.7	58.4	59.9	61.2	62.5	63.6
Female..... years	<sup>3</sup> 60.6	62.1	63.7	65.1	66.4	67.6

<sup>1</sup> See headnote, table 1546. <sup>2</sup> Total fertility rate: Average number of children that would be born per woman if all women lived to the end of their childbearing years and, at each year of age, they experienced the birth rates occurring in the specified year. <sup>3</sup> 1975 data.

Source of tables 1541-1543: U.S. Bureau of the Census, *World Population: 1977—Recent Demographic Estimates for the Countries and Regions of the World*, 1978; and unpublished data.

## No. 1544. POPULATION AND AREA, BY REGION AND COUNTRY

[Population data generally are de facto figures for the present territory. See table 1545 for country components of regions. See text, p. 882, for general comments concerning the data. For details of methodology, coverage, and reliability, see source. Minus sign (-) denotes decrease]

REGION, COUNTRY, AND STATUS OF DEVELOPMENT	LATEST POPULA- TION CENSUS <sup>1</sup>		MIDYEAR POPULATION ESTIMATES				Popula- tion per sq. mile, 1977	AREA <sup>3</sup>		
	Year	Number (1,000)	1970, number (1,000)		1977			Square miles	Rank	
			1970, number (1,000)	Rank	Number (1,000)	Rank				
World total	(x)	(x)	3,721,518		4,257,655	(x)	1.9	81	52,443,963 (x)	
Africa	(x)	(x)	356,384		430,757	(x)	2.7	37	11,706,166 (x)	
Northern America <sup>4</sup>	(x)	(x)	226,308		240,258	(x)	.9	29	8,306,942 (x)	
Latin America	(x)	(x)	284,295		341,599	(x)	2.6	43	7,940,533 (x)	
Middle America	(x)	(x)	67,270		84,269	(x)	3.2	87	963,706 (x)	
Caribbean	(x)	(x)	24,986		28,615	(x)	1.9	311	91,892 (x)	
South America <sup>5</sup>	(x)	(x)	192,039		228,715	(x)	2.5	33	6,884,935 (x)	
East Asia	(x)	(x)	1,018,139		1,175,280	(x)	2.1	259	4,588,992 (x)	
South Asia	(x)	(x)	1,114,733		1,310,765	(x)	2.3	215	6,110,033 (x)	
Europe	(x)	(x)	459,460		478,196	(x)	.6	251	1,906,176 (x)	
U.S.S.R.	(x)	(x)	242,757		258,900	(x)	.9	30	8,649,412 (x)	
Oceania	(x)	(x)	19,442		21,000	(x)	1.7	7	3,285,711 (x)	
COUNTRIES										
• United States	1970	204,335	204,878		216,817	4	.8	60	3,628,150 4	
★ Afghanistan	s 1972	10,020	12,059		14,067	45	2.2	56	251,000 39	
• Albania	1960	1,626	2,136		2,513	110	2.3	226	11,100 125	
★ Algeria	1966	11,822	13,465		17,049	37	3.4	19	919,951 10	
★ Angola	1970	5,646	5,575		6,295	74	1.7	13	481,351 21	
★ Argentina	1970	23,362	23,758		26,150	29	1.4	24	1,072,067 8	
• Australia	1976	13,548	12,670		14,062	46	1.5	5	2,987,909 6	
★ Austria	1971	7,456	7,426		7,522	68	.2	232	32,374 107	
★ Bahamas, The	1970	189	171		220	154	3.6	50	4,404 140	
★ Bahrain	1971	216	212		257	151	2.7	1,113	231 162	
★ Bangladesh	1974	71,479	69,727		83,511	8	2.6	1,515	55,126 89	
★ Barbados	1970	238	239		269	150	1.7	1,620	166 164	
• Belgium	1970	9,651	9,656		9,827	56	.3	834	11,779 122	
★ Benin	s 1961	2,106	2,653		3,198	100	2.7	74	43,483 96	
★ Bhutan	1969	1,035	1,048		1,235	124	2.3	64	19,305 115	
★ Bolivia	1976	4,648	4,140		4,950	85	2.6	12	424,182 26	
★ Botswana	1971	609	630		727	132	2.0	3	222,000 44	
★ Brazil	1970	93,139	96,822		117,085	6	2.8	36	3,286,470 5	
• Bulgaria	1975	8,728	8,490		8,805	61	.5	206	42,829 99	
★ Burma	1973	28,886	27,078		31,958	25	2.4	122	261,789 38	
★ Burundi	s 1970	3,250	3,589		4,113	93	1.9	383	10,739 127	
★ Cameroon	1976	7,663	6,886		7,851	66	1.9	43	188,568 48	
• Canada	1976	22,993	21,324		23,323	31	1.3	6	3,851,809 2	
★ Cape Verde	1970	272	268		315	146	2.3	202	1,557 148	
★ Central African Republic	s 1959	1,203	1,612		1,870	116	2.1	8	241,313 41	
★ Chad	s 1963	3,254	3,707		4,324	91	2.2	9	495,752 19	
★ Chile	1970	8,885	9,369		10,531	55	1.7	37	286,396 37	
China:										
★ Mainland	1953	592,603	846,580		982,531	1	2.1	266	3,691,502 3	
★ Taiwan	1975	16,206	14,598		16,793	33	2.0	1,236	13,592 121	
★ Colombia	1973	21,176	21,373		25,014	30	2.2	55	455,355 25	
★ Comoros	1966	244	266		310	148	2.2	447	693 154	
★ Congo	1974	1,300	1,184		1,425	122	2.6	11	132,046 56	
★ Costa Rica	1973	1,872	1,736		2,071	115	2.5	105	19,658 114	
★ Cuba	1970	8,569	8,551		9,604	59	1.7	217	44,218 95	
• Cyprus	1973	632	615		640	133	.6	179	3,572 144	
• Czechoslovakia	1970	14,345	14,319		15,030	42	.7	304	49,371 92	
• Denmark	1970	4,938	4,929		5,089	83	.5	306	16,615 117	
★ Djibouti	1960	81	95		111	167	2.2	12	8,996 130	
★ Dominican Republic	1970	4,009	4,343		5,250	80	2.7	281	18,704 116	
★ Ecuador	1974	6,522	5,958		7,323	69	2.9	69	105,685 67	
★ Egypt	1976	38,228	33,020		38,831	20	2.3	100	386,872 28	
★ El Salvador	1971	3,555	3,582		4,387	90	2.9	531	8,260 133	
★ Equatorial Guinea	1960	246	285		322	145	1.7	30	10,832 126	
★ Ethiopia	(x)	(N/A)	25,934		31,108	26	2.6	68	457,142 24	
★ Fiji	1976	588	526		600	135	1.9	85	7,055 136	
• Finland	1970	4,598	4,606		4,740	88	.4	36	130,119 57	
• France	1975	52,658	50,784		53,103	15	.6	249	212,978 45	
★ Gabon	1960	449	493		531	187	1.1	5	102,317 70	

See footnotes at end of table.

## No. 1544. POPULATION AND AREA, BY COUNTRY—Continued

[See headnote, p. 885]

COUNTRY AND STATUS OF DEVELOPMENT • = More developed ★ = Less developed	LATEST POPULATION CENSUS <sup>1</sup>		MIDYEAR POPULATION ESTIMATES				Population per sq. mile, 1977	AREA <sup>3</sup>		
	Year	Number (1,000)	1970		1977			Square miles	Rank	
			number (1,000)	Rank	Number (1,000)	Rank				
★Gambia, The	1973	498	458	553	136	2.7	138	4,003	142	
● German Dem. Rep.	1971	17,068	17,070	16,768	39	-3	413	40,646	101	
● Germany, Fed. Rep. of	1970	60,651	60,714	61,392	12	.2	641	95,815	72	
★Ghana	1970	8,559	8,789	11,002	53	3.2	119	92,100	75	
● Greece	1971	8,769	8,793	9,252	60	.7	183	50,547	91	
★Guatemala	1973	5,160	5,262	6,437	72	2.9	153	42,042	100	
★Guinea	(X)	4,069	4,988	84	2.9	53	94,925	73		
★Guinea-Bissau	1970	487	487	611	134	3.2	44	13,048	120	
★Guyana	1970	702	715	802	130	1.6	10	88,000	79	
★Haiti	1971	4,330	4,605	5,405	78	2.3	504	10,714	128	
★Honduras	1974	2,657	2,683	3,399	97	3.4	79	43,277	97	
● Hungary	1970	10,322	10,338	10,648	54	.4	296	35,919	105	
● Iceland	R 1970	205	204	222	153	1.2	6	39,702	102	
★India <sup>6</sup>	1971	548,160	553,619	643,040	2	2.1	523	1,220,737	7	
★Indonesia	1971	119,232	121,717	141,462	5	2.1	192	735,268	14	
★Iran	1976	33,592	30,129	37,121	22	3.0	58	636,363	16	
★Iraq	1977	12,171	9,466	12,048	52	3.4	70	172,000	51	
● Ireland	1971	2,978	2,950	3,198	101	1.1	120	26,600	111	
● Israel	1972	3,148	2,974	3,611	95	2.8	432	7,992	134	
● Italy	1971	54,137	53,661	56,436	13	.7	485	116,303	63	
★Ivory Coast	1975	6,671	5,887	7,073	70	2.7	57	124,503	61	
★Jamaica	1970	1,849	1,944	2,170	114	1.6	492	4,411	139	
● Japan	1975	111,940	104,345	113,860	7	1.2	703	143,574	55	
★Jordan	1961	(NA)	2,228	2,848	107	3.5	76	37,297	104	
★Kampuchea, Democratic	1982	5,729	7,080	7,895	64	1.6	113	70,000	84	
★Kenya	1969	(NA)	11,252	14,311	43	3.4	64	224,960	43	
★Korea, Dem. Peo. Rep. of	(X)	14,185	17,571	36	3.1	376	46,768	93		
★Korea, Republic of	1975	34,709	32,976	38,195	21	2.1	1,004	38,031	103	
★Kuwait	1975	995	748	1,134	125	5.9	146	7,780	135	
★Laos	(X)	2,962	3,462	96	2.2	38	698	91,428	77	
● Lebanon	1970	2,126	2,330	2,798	108	2.6	1,200	4,015	141	
★Lesotho	1976	1,214	1,066	1,248	123	2.3	107	11,716	123	
● Liberia	1974	(NA)	1,335	1,678	119	3.3	39	43,000	98	
★Libya	1973	2,257	1,991	2,648	109	4.1	4	670,536	15	
● Luxembourg	1970	340	339	357	142	.7	357	999	151	
★Madagascar	1974	7,520	6,759	7,982	63	2.3	35	230,035	42	
● Malawi	1977	5,872	4,441	5,309	79	2.6	116	45,747	94	
★Malaysia	1970	10,439	10,855	13,004	50	2.6	101	128,328	53	
★Maldives	1974	129	115	138	162	2.6	1,200	115	167	
● Mali	1976	6,036	5,186	6,101	76	2.3	13	464,873	23	
● Malta	1967	316	326	332	143	.3	2,721	122	166	
★Mauritania	1976	1,481	1,307	1,496	121	1.9	4	419,229	27	
★Mauritius	1972	851	830	910	128	1.3	1,156	787	163	
★Mexico	1970	48,225	50,480	63,687	11	3.3	84	761,601	13	
★Mongolia	1969	1,198	1,248	1,537	120	3.0	3	604,247	17	
★Morocco	1971	15,379	15,126	18,592	35	2.9	108	171,953	52	
★Mozambique	1970	8,169	8,133	9,629	58	2.4	32	303,073	34	
★Nepal	1971	11,556	11,311	13,341	49	2.4	245	54,362	90	
● Netherlands	1971	13,046	13,032	13,858	47	.9	992	13,967	119	
● New Zealand	1976	3,129	2,828	3,153	103	1.6	30	103,736	68	
★Nicaragua	1971	1,878	1,908	2,336	112	2.9	41	57,143	88	
★Niger	s 1959	2,876	4,016	4,850	87	2.7	10	489,206	20	
★Nigeria	(X)	(NA)	55,073	66,628	10	2.7	187	356,699	30	
● Norway	1970	3,874	3,877	4,044	94	.6	32	125,181	60	
★Oman	(X)	(NA)	657	817	129	3.1	10	82,000	80	
★Pakistan <sup>7</sup>	1972	65,309	61,091	75,472	9	3.0	220	342,750	32	
★Panama	1970	1,428	1,453	1,764	117	2.8	61	28,753	109	
★Papua New Guinea	1971	2,490	2,418	2,908	105	2.6	16	183,540	49	
★Paraguay	1972	2,358	2,446	2,982	104	2.8	19	157,047	53	
★Peru	1972	13,538	13,504	16,362	40	2.7	33	496,222	18	
★Philippines	1975	41,831	37,537	44,863	17	2.5	388	115,707	64	
● Poland	1970	32,642	32,526	34,698	24	.9	288	120,359	62	
● Portugal	1970	8,663	8,723	9,725	57	1.6	275	35,340	106	
★Qatar	(X)	(NA)	126	157	157	3.1	39	4,000	143	
● Romania	1977	21,559	20,253	21,664	33	1.0	236	91,699	76	
★Rwanda	s 1970	3,573	3,560	4,318	92	2.8	425	10,169	129	

See footnotes at end of table.

## Population and Area

## No. 1544. POPULATION AND AREA, BY COUNTRY—Continued

[See headnote, p. 885]

COUNTRY AND STATUS OF DEVELOPMENT ● = More developed ★ = Less developed	LATEST POPULATION CENSUS <sup>1</sup>		MIDYEAR POPULATION ESTIMATES			Population per sq. mile, 1977	AREA <sup>3</sup>		
	Year	Number (1,000)	1977		Average annual percent change, 1970-77 <sup>2</sup>		Square miles	Rank	
			1970, number (1,000)	Rank					
★ Saudi Arabia.....	1974	7,013	6,200	7,626	67	3.0	9	873,000 12	
★ Senegal.....	1976	5,085	4,385	5,245	81	2.6	69	76,124 81	
★ Sierra Leone.....	1974	2,729	2,701	3,193	102	2.4	114	27,925 110	
★ Singapore.....	1970	2,075	2,075	2,308	113	1.5	10,258	225 163	
★ Somalia.....	(X)	(NA)	2,806	3,309	98	2.4	13	246,155 40	
★ South Africa.....	1970	21,794	22,465	26,764	27	2.5	57	471,819 22	
● Spain.....	1970	33,956	33,779	36,351	23	1.0	187	194,883 47	
★ Sri Lanka.....	1971	12,690	12,532	14,068	44	1.7	556	25,322 112	
★ Sudan.....	1973	14,902	15,720	19,638	34	3.2	20	967,491 9	
★ Surinam.....	1971	380	378	382	141	.3	6	63,251 87	
★ Swaziland.....	1976	499	420	511	138	2.8	76	6,705 137	
● Sweden.....	1975	8,209	8,043	8,255	62	.4	48	173,665 50	
● Switzerland.....	1970	6,270	6,267	6,289	75	.1	395	15,941 118	
★ Syria.....	1970	6,305	6,258	7,863	65	9.3	110	71,498 83	
★ Tanzania.....	1967	12,313	13,286	16,334	41	3.0	45	362,820 29	
★ Thailand.....	1970	34,397	37,091	44,287	18	2.5	223	198,455 46	
★ Togo.....	1970	1,951	1,964	2,300	111	2.8	109	21,853 113	
★ Trinidad and Tobago.....	1970	941	940	921	127	-.8	465	1,980 147	
★ Tunisia.....	1975	5,588	5,118	6,077	77	2.5	96	63,378 86	
● Turkey.....	1975	40,198	35,322	41,759	19	2.4	129	301,380 35	
★ Uganda.....	1969	9,549	9,806	12,353	51	3.3	136	91,134 78	
● U.S.S.R.....	1970	241,720	242,757	258,900	3	.9	30	8,649,490 1	
★ United Arab Emirates.....	1975	666	323	781	131	12.6	24	32,000 108	
● United Kingdom.....	1971	55,515	55,522	55,956	14	.1	594	94,214 74	
★ Upper Volta.....	1975	6,144	5,465	6,364	73	2.2	60	105,869 66	
★ Uruguay.....	1975	2,782	2,824	2,876	106	-.3	42	68,548 85	
★ Venezuela.....	1971	10,722	10,700	13,598	48	3.4	39	352,143 31	
★ Vietnam.....	1974	8 <sup>a</sup> 23,787	42,984	49,948	16	2.1	395	126,436 59	
★ Western Samoa.....	1976	151	142	153	158	1.1	135	1,133 150	
★ Yemen, Peo. Dem. Rep. of.	1973	1,500	1,508	1,717	118	1.0	15	111,000 65	
★ Yemen Arab Republic.....	1975	4,526	4,335	4,038	86	1.9	66	75,290 82	
● Yugoslavia.....	1971	20,523	20,371	21,768	32	-.9	220	98,766 71	
★ Zaire.....	1970	21,688	21,688	26,313	28	2.8	29	905,068 11	
★ Zambia.....	1974	4,695	4,241	5,224	82	3.0	18	290,724 36	
AREAS OF SPECIAL SOVEREIGNTY AND DEPENDENCIES									
★ Belize.....	1970	120	122	149	159	2.9	17	8,866 131	
★ Brunei.....	1971	136	128	182	156	5.0	82	2,226 146	
★ Channel Islands.....	1971	123	122	127	165	.6	1,693	75 168	
★ French Polynesia.....	1977	137	110	138	161	3.2	89	1,544 149	
★ Gaza Strip.....	1967	356	333	411	140	3.0	2,815	146 165	
★ Guadeloupe.....	1974	325	328	328	144	-	478	686 156	
★ Hong Kong.....	1976	4,420	3,959	4,514	80	1.9	11,342	398 158	
★ Macao.....	1970	249	245	279	149	1.7	46,500	6 169	
★ Martinique.....	1974	235	333	311	147	-1.0	722	431 157	
★ Namibia.....	1970	762	765	936	126	2.9	3	318,261 33	
★ Netherlands Antilles.....	1971	218	218	236	152	1.1	744	317 159	
★ New Caledonia.....	1976	133	110	137	163	3.1	16	8,548 132	
★ New Hebrides.....	1987	78	83	100	169	2.7	18	5,700 138	
★ Pacific Is., Tr. Terr. of.....	1973	115	101	129	164	3.5	188	687 155	
★ Puerto Rico.....	1970	2,712	2,724	3,215	99	2.4	936	3,435 145	
★ Reunion.....	1974	477	445	478	139	1.0	493	970 152	
★ Rhodesia.....	1969	5,099	5,546	7,054	71	3.4	47	150,333 64	
★ Saint Lucia.....	1970	101	103	117	166	1.8	492	238 161	
★ Saint Vincent.....	1970	87	88	106	168	2.7	424	250 160	
★ Solomon Islands.....	1976	197	163	206	155	3.3	18	11,500 124	
★ Western Sahara.....	1970	76	72	139	160	9.4	1	102,703 69	

<sup>a</sup> Represents zero. NA Not available. X Not applicable.

<sup>1</sup> For countries in which no recent census has been taken, survey or national registry data (identified respectively as "S" and "R") are shown.

<sup>2</sup> Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>3</sup> Includes inland waters. Source: U.S. Department of State, *Status of the World's Nations*, biennial.

<sup>4</sup> Includes Bermuda, Canada, Greenland, St. Pierre and Miquelon, and United States. <sup>5</sup> Includes both temperate and tropical South American countries.

<sup>6</sup> Includes the Indian-held part of Jammu and Kashmir. <sup>7</sup> Excludes the Pakistani-held part of Jammu and Kashmir. <sup>8</sup> Data for North Vietnam only. 1976 census for South Vietnam reported 23,614,653 persons.

Source: Except as noted, U.S. Bureau of the Census, *World Population: 1977—Recent Demographic Estimates for the Countries and Regions of the World*, 1978.

NO. 1545. POPULATION PROJECTIONS, BY REGION AND FOR SELECTED COUNTRIES:  
1977 TO 2000

[In millions. Source of data presents 3 series of projections. Figures shown here are for medium series]

REGION AND COUNTRY	1977	1985	1990	2000	REGION AND COUNTRY	1977	1985	1990	2000
World, total	4,182.2	4,829.8	5,275.3	6,198.6	East Asia—Con.				
More developed <sup>1</sup>	1,108.6	1,168.9	1,205.8	1,272.3	Japan	113.8	119.7	122.8	128.9
Less developed <sup>1</sup>	3,073.6	3,660.9	4,069.5	4,926.4	Other East Asia <sup>2</sup>	59.0	68.9	75.3	87.4
Africa	429.8	544.5	630.4	828.1	Hong Kong	4.5	5.2	5.7	6.3
Eastern Africa <sup>2</sup>	122.1	155.7	181.4	242.8	Korea, Dem. Peo.				
Burundi	4.1	5.2	6.0	7.8	Rep. of	16.7	20.2	22.5	27.4
Ethiopia	30.2	37.3	42.6	55.3	Korea, Republic of	36.0	41.3	44.7	50.8
Kenya	14.6	19.9	23.9	33.6	South Asia	1,319.2	1,606.1	1,802.6	2,205.3
Madagascar	8.1	10.0	11.5	15.1	Eastern South Asia <sup>2</sup>	341.4	414.9	464.0	559.4
Malawi	5.6	7.3	8.6	11.9	Burma	32.8	39.9	44.7	55.1
Mozambique	9.7	12.0	13.8	18.1	Indonesia <sup>3</sup>	141.8	169.7	187.7	221.6
Rhodesia	6.7	8.7	10.3	14.0	Kampuchea, Dem.	8.4	9.8	11.0	13.4
Rwanda	4.4	5.6	6.6	9.0	Laos	3.5	4.2	4.7	5.7
Somalia	3.3	4.2	4.8	6.3	Malaysia	12.6	15.4	17.1	20.2
Uganda	12.0	15.5	18.1	24.6	Philippines	46.6	58.8	67.1	83.4
Tanzania	16.3	21.1	24.8	33.8	Singapore	2.3	2.6	2.8	3.1
Zambia	5.1	6.6	7.8	10.4	Thailand	43.8	54.7	62.1	76.1
Middle Africa <sup>2</sup>	49.2	60.5	68.8	86.3	Vietnam	48.7	58.7	65.6	79.4
Angola	6.6	8.1	9.2	11.9	Middle South Asia <sup>2</sup>	887.6	1,078.4	1,209.4	1,481.8
Cameroon	7.9	9.5	10.7	13.1	Afghanistan	20.3	25.2	28.7	38.7
Chad	4.2	5.1	5.8	7.4	Bangladesh	81.0	102.8	118.7	153.3
Zaire	26.0	32.5	37.0	46.4	India	647.9	775.7	861.6	1,036.7
Northern Africa <sup>2</sup>	99.5	125.5	144.0	183.7	Iran	34.8	44.3	51.1	65.4
Algeria	16.8	22.2	26.5	36.0	Nepal	13.3	16.0	17.9	22.4
Egypt	38.8	47.3	52.8	64.7	Pakistan	74.9	96.5	112.1	145.0
Libya	2.6	3.6	4.3	5.8	Sri Lanka	14.1	16.2	17.6	20.1
Morocco	18.4	23.9	27.8	36.1	Western South Asia <sup>2</sup>	90.3	112.9	129.1	164.1
Sudan	16.9	21.2	24.3	31.3	Iraq	11.8	15.5	18.2	24.3
Tunisia	5.9	7.2	8.0	9.6	Israel <sup>4</sup>	3.7	4.4	4.8	5.6
Southern Africa	30.4	37.8	43.0	54.0	Jordan	2.9	3.8	4.4	5.9
South Africa	26.9	33.6	38.1	47.8	Lebanon	2.9	3.6	4.0	4.9
Western Africa <sup>2</sup>	128.6	165.1	193.3	261.4	Saudi Arabia	7.6	9.8	11.5	15.6
Benin	3.2	4.1	4.8	6.5	Syria	7.8	10.2	12.0	16.3
Ghana	10.6	13.7	15.9	21.2	Turkey	42.1	51.2	57.5	69.4
Guinea	4.6	5.7	6.5	8.2	Yemen <sup>5</sup>	7.3	8.9	10.2	13.3
Ivory Coast	7.2	9.3	10.7	14.0	Europe (excl. U.S.S.R.)	478.3	492.4	501.2	520.2
Mali	6.1	7.6	8.8	11.6	Eastern Europe	107.7	113.5	116.5	121.8
Niger	4.9	6.2	7.2	9.7	Bulgaria	8.8	9.2	9.4	9.7
Nigeria	69.9	91.2	107.8	148.9	Czechoslovakia	15.0	15.8	16.2	17.2
Senegal	5.2	6.5	7.4	8.7	German Dem. Rep.	16.8	16.9	16.9	16.7
Togo	2.5	3.2	3.7	5.0	Hungary	10.6	10.9	11.0	11.3
Upper Volta	6.4	7.9	9.1	11.8	Poland	34.7	37.6	39.0	41.2
Latin America	340.2	420.6	478.4	608.1	Romania	21.6	23.2	24.0	25.7
Caribbean <sup>2</sup>	29.0	33.5	36.5	43.1	Northern Europe <sup>2</sup>	81.8	82.2	82.8	84.5
Cuba	9.6	10.7	11.4	12.7	Denmark	5.1	5.1	5.2	5.3
Dominican Rep.	5.5	6.7	7.5	9.3	Finland	4.8	4.9	5.0	5.1
Haiti	5.4	6.6	7.5	9.9	Ireland	3.2	3.5	3.7	4.0
Jamaica	2.1	2.4	2.5	2.9	Norway	4.0	4.1	4.2	4.4
Middle America <sup>2</sup>	84.1	109.2	128.1	172.4	Sweden	8.2	8.3	8.3	8.5
El Salvador	4.4	5.6	6.5	8.7	United Kingdom	56.0	55.8	55.9	56.7
Guatemala	6.6	8.4	9.7	12.7	Southern Europe <sup>2</sup>	136.2	143.7	148.1	156.3
Honduras	3.3	4.4	5.1	7.0	Albania	2.5	3.1	3.4	3.9
Mexico	63.3	82.8	97.6	132.3	Greece	9.2	9.6	9.9	10.4
Nicaragua	2.5	3.2	3.8	5.2	Italy	56.4	58.0	59.0	61.0
Temperate South America <sup>2</sup>	39.5	43.8	46.4	51.2	Portugal	9.6	10.3	10.7	11.5
Argentina	26.0	28.7	30.2	32.9	Spain	36.3	39.0	40.5	43.4
Chile	10.6	12.1	13.1	14.9	Yugoslavia	21.7	23.3	24.1	25.6
Uruguay	2.9	3.0	3.2	3.5	Western Europe <sup>2</sup>	152.7	153.0	153.8	157.6
Tropical South America <sup>2</sup>	187.6	234.1	267.4	341.4	Austria	7.5	7.5	7.5	7.6
Bolivia	5.2	6.3	7.2	9.3	Belgium	9.8	10.1	10.3	10.8
Brazil	116.1	145.1	165.7	212.5	France	53.1	54.3	55.2	57.3
Colombia	25.0	30.4	34.3	42.5	Germany, Fed. Rep.	61.6	60.0	59.4	59.5
Ecuador	7.3	9.4	11.0	14.6	Netherlands	13.9	14.4	14.7	15.5
Paraguay	2.8	3.5	4.1	5.3	Switzerland	6.4	6.3	6.3	6.4
Peru	16.4	20.4	23.2	29.5	U.S.S.R.	259.1	279.6	291.6	311.8
Venezuela	13.5	17.5	20.2	25.7	Oceania <sup>2</sup>	21.8	24.4	26.2	29.6
Northern America	240.2	258.5	270.5	289.5	Australia	14.0	15.3	16.1	17.8
Canada	23.3	25.5	26.8	29.0	New Zealand	3.2	3.5	3.7	4.0
United States	216.8	232.9	243.5	260.4	Papua New Guinea	2.9	3.5	4.0	5.0
East Asia	1,093.6	1,203.6	1,274.5	1,405.9					
China; Mainland	920.8	1,015.0	1,076.4	1,189.6					

<sup>1</sup> Regions. <sup>2</sup> Includes countries not shown separately. <sup>3</sup> Includes West Irian. <sup>4</sup> Includes Jerusalem and Israeli residents in Gaza Strip and West Bank. <sup>5</sup> Covers Peo. Dem. Rep. of Yemen and Yemen Arab Rep.Source: Population Division of the United Nations, New York, N.Y., *World Population Trends and Prospects by Country 1950-2000: Summary Report of the 1978 Assessment* (ST/ESA/SER. R/33). (Copyright.)

**NO. 1546. POPULATION UNDER AGE 15, GROWTH, BIRTH, DEATH, AND INFANT MORTALITY RATES, AND LIFE EXPECTANCY, FOR THE 75 MOST POPULOUS COUNTRIES**

[**Growth rate:** Annual increase (or decrease) to the population resulting from a surplus or deficit of births over deaths and a surplus or deficit of migrants into or out of the country, expressed as a percentage of the base population. **Crude birth rate:** Number of births during 1 year per 1,000 persons (based on midyear population). **Crude death rate:** Number of deaths during 1 year per 1,000 persons (based on midyear population). **Infant mortality rate:** Number of deaths of children under 1 year of age per 1,000 live births in a calendar year. **Life expectancy at birth:** Number of years to be lived by persons born in a certain year if mortality rates for each age group remain constant in the future. Minus sign (—) denotes decrease]

COUNTRY	POPULATION UNDER 15 YEARS OLD		Growth rate of population, 1976 (per- cent)	Crude birth rate, 1976	Crude death rate, 1976	INFANT MORTALITY		EXPECTATION OF LIFE AT BIRTH	
	Year or period	Percent of total popula- tion				Year or period	Rate	Year or period	Both sexes (yr.)
United States	1970	28	.7	15	9	1976	15	1975	72
Afghanistan	1972-73	45	1.8-2.5	50-53	28-32	1972-73	217-235	1972-73	35-39
Algeria	1968	47	3.3-3.5	50	15-17	1969-71	142	1969-71	53
Angola	1960	42	2.4	47	23	(x)	(NA)	(x)	(NA)
Argentina	1970	29	1.3	22-23	9-10	1970	59	1969-70	66
Australia	1971	29	1.0	16	8	1975	14	1971-73	71
Austria	1975	23	—	12	13	1976	18	1976	76
Bangladesh	1974	46	2.6-3.0	46-48	18-20	1969-74	158	1969-74	42
Belgium	1976	22	.1	12	12	1976	14	1968-72	71
Brazil	1970	44	2.5-2.9	35-39	10	1960-70	102	1980-70	54
Bulgaria	1976	22	.6	17	10	1976	23	1969-71	71
Burma	1973	40	2.3-2.4	38-39	15	(x)	(NA)	(x)	(NA)
Cameroon	1960-65	41-42	1.8-2.2	41-43	21-23	1960-65	137-167	1980-85	38
Canada	1975	26	1.3	16	7	1974	15	1971	73
Chile	1970	38	1.5-1.6	22-23	7	1975	61	1969-70	62
China:									
Mainland	1953	36	1.6-2.2	26-36	9-13	(x)	(NA)	(x)	(NA)
Taiwan	1975	36	2.1	26	5	1975	25	1975	70
Colombia	1973	45	2.1-2.3	33-34	10	1973	98	1973	59
Cuba	1975	37	1.4	20	6-7	1976	23	1970	70
Czechoslovakia	1976	24	.8	19	11	1976	21	1976	70
Ecuador	1974	44	2.9-3.1	41-43	11	1970-75	100	1970-75	57
Egypt	(x)	(NA)	2.6	39	13	1974	108	1965-67	53
Ethiopia	1971	45	2.2-2.6	43-52	20-26	1964-70	155-200	1964-70	36-44
France	1977	28	.3	14	11	1976	18	1974	73
German Dem. Rep.	1976	19	—2	12	14	1976	14	1975	71
Germany, Fed. Rep. of	1976	21	—3	10	12	1976	17	1973-75	71
Ghana	1970	46	3.1-3.3	45-48	14-15	1970	115	1970	49
Greece	1975	24	1.3	16	9	1975	22	1970	72
Guatemala	1973	44	2.5-2.6	39-40	14	1974	75	1970-72	53
Hungary	1977	21	.5	18	12	1976	30	1974	70
India	1971	41	2.1	36-37	15	1969	134	1969	47
Indonesia	1971	43	1.8-2.3	35-40	16-17	1971	128	1971	42
Iran	1973-76	46	3.0	41-42	11-12	1973-76	104	1973-76	57
Iraq	1965	48	3.4	48	14	(x)	(NA)	(x)	(NA)
Italy	1976	24	.5	14	10	1976	19	1970-72	72
Ivory Coast	1955-58	43	2.0-3.1	45-52	21-25	(x)	(NA)	(x)	(NA)
Japan	1976	24	1.0	16	6	1975	10	1975	74
Kampuchea, Dem.	1962	46	(NA)	(NA)	(NA)	(x)	(NA)	(x)	(NA)
Kenya	1969	48	3.4-3.7	48-51	14-15	1969	119	1969	49
Korea, Dem. Peo. Rep. of	(x)	(NA)	3.1	43	12	(x)	(NA)	(x)	(NA)
Korea, Republic of	1975	39	1.8-1.9	25-26	6	1970	47	1970	64
Madagascar	1966	46	2.4-2.6	46-48	22	(x)	(NA)	1965-66	38
Malaysia	1970	45	2.4-2.5	30-31	6	1975	32	1975	68
Mexico	1970	48	2.0-3.5	37-44	7	1969-71	71	1969-71	61
Morocco	1971	46	2.9-3.0	46-48	16-17	1962-72	153	1962-72	48
Mozambique	1970	45	2.4-3.1	42-48	18-19	1970	148	(x)	(NA)
Nepal	1971	40	2.4-2.5	45-47	19-22	1974-76	132-133	1974-76	42-44
Netherlands	1976	25	.6	13	8	1976	11	1975	75
Nigeria	1953	44	2.4-3.0	48-50	20-24	1965-66	178	1965-66	37
Pakistan	1972	44	3.0-3.1	44-45	13-15	1962-65	189	1962-65	46
Peru	1972	44	2.7-2.9	39-42	13	1970-75	122	1970-75	55
Philippines	1970	46	2.2-2.6	32-37	10	1970	80	1970	58
Poland	1977	24	1.0	20	9	1976	24	1975	71
Portugal	1975	28	.6	19	10	1975	39	1974	69
Rhodesia	1969	46	3.5	47-50	14-15	(x)	(NA)	(x)	(NA)
Romania	1976	25	1.0	19	10	1976	31	1974-76	70
Saudi Arabia	(x)	(NA)	3.0	49	19	(x)	(NA)	(x)	(NA)
South Africa	1970	42	2.3-2.5	36-37	12-13	1970	88-95	1965-70	57
Spain	1970	28	1.1	18	8	1976	16	1970	72
Sri Lanka	1971	39	1.5-1.6	26-27	9	1973	47	1970-72	64
Sudan	1973	47	3.2	49	17	(x)	(NA)	(x)	(NA)
Sweden	1977	21	.8	12	11	1976	8	1975	75
Switzerland	1977	22	-.6	12	9	1976	11	1968-73	73

See footnotes at end of table.

**No. 1546. POPULATION UNDER AGE 15, GROWTH, BIRTH, DEATH, AND INFANT MORTALITY RATES, AND LIFE EXPECTANCY, FOR THE 75 MOST POPULOUS COUNTRIES—Con.**

[See headnote, p. 894]

COUNTRY	POPULATION UNDER 15 YEARS OLD		Growth rate of population, 1976 (percent)	Crude birth rate, 1976	Crude death rate, 1976	INFANT MORTALITY		EXPECTATION OF LIFE AT BIRTH	
	Year or period	Percent of total population				Year or period	Rate	Year or period	Both sexes (yr.)
Syria.....	1970	49	3.2-3.3	47	14-15	1970	114	(X)	(NA)
Tanzania.....	1967	44	2.7-3.3	45-49	16-18	1973	120-130	1973	45-49
Thailand.....	1970	44	2.2-2.5	32-35	10	1970	90	1970	58
Turkey.....	1975	40	2.2-2.3	34	11-12	1967	153	1966	54
U.S.S.R.....	1975	26	.9	18	9	1975	30	1971-72	70
Uganda.....	1969	46	2.8-3.4	46-50	16-18	(X)	(NA)	(X)	(NA)
United Kingdom.....	1976	23	-	12	12	1976	14	1973-75	72
Upper Volta.....	1980-61	42	2.2	50	28	1960-61	190-243	1960-61	32
Venezuela.....	1971	45	3.3	36	6	1965-70	45	1965-70	63
Vietnam.....	(X)	(NA)	2.1-3.0	40-44	15-19	(X)	(NA)	(X)	(NA)
Yugoslavia.....	1976	25	1.0	18	8	1976	37	1972-73	68
Zaire.....	1955-58	39-42	2.2-3.0	43-47	17-20	1955-58	165-177	1955-58	37-40

- Represents zero. NA Not available. X Not applicable.

Source: U.S. Bureau of the Census, *World Population: 1977—Recent Demographic Estimates for the Countries and Regions of the World*, 1978.

**No. 1547. LIFE EXPECTANCY AT BIRTH, BY SEX, FOR 30 MOST POPULOUS COUNTRIES**

[Selection of countries based on 1977 population as shown in table 1544]

COUNTRY	Year or period	Male (yr.)	Female (yr.)	COUNTRY	Year or period	Male (yr.)	Female (yr.)
United States.....	1975	68.7	76.5	Japan.....	1976	72.2	77.4
Argentina.....	1970-1975	65.2	71.4	Korea, Rep. of.....	1970	63.0	67.0
Bangladesh <sup>1</sup> .....	1974	45.8	46.6	Mexico.....	1975	62.8	66.6
Brazil.....	1960-1970	57.6	61.0	Nigeria.....	1965-1966	37.2	36.7
Burma <sup>1</sup> .....	1970-1975	48.6	51.5	Pakistan <sup>1</sup> .....	1962	35.3 <sup>7</sup>	348.8
China: Mainland <sup>1,2</sup> .....	1970-1975	59.9	63.3	Philippines <sup>1</sup> .....	1970-1975	56.9	60.0
Colombia <sup>1</sup> .....	1970-1975	59.2	62.7	Poland.....	1976	66.9	74.6
Egypt.....	1960	51.6	53.8	South Africa <sup>1</sup> .....	1970-1975	49.8	53.3
Ethiopia <sup>1</sup> .....	1970-1975	36.5	39.6	Spain.....	1970	69.7	75.0
France.....	1974	69.0	76.9	Thailand.....	1960	53.6	58.7
Germany, Fed. Rep. of.....	1974-1976	68.3	74.8	Turkey <sup>1</sup> .....	1966	53.7	57.7
India.....	1951-1960	41.9	40.6	U.S.S.R.....	1971-1972	64	74
Indonesia.....	1960	47.5	47.5	United Kingdom.....	1968-1970	67.8	73.8
Iran <sup>1</sup> .....	1973-1976	57.6	57.4	Vietnam <sup>1</sup> .....	1970-1975	43.2	46.0
Italy.....	1970-1972	69.0	74.9	Zaire <sup>1</sup> .....	1970-1975	41.9	45.1

<sup>1</sup> Estimated. <sup>2</sup> Includes Taiwan. <sup>3</sup> Includes Bangladesh.

Source: Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

**No. 1548. LITERACY OF POPULATION, 15 YEARS OLD AND OVER, BY REGION: 1960 AND 1970**

[In millions, except percent. Literacy is defined as the ability to both read and write. See text, p. 882, for general comments concerning the data]

REGION	1960				1970			
	Total adults	Literate adults	Illiterate adults		Total adults	Literate adults	Illiterate adults	
			Number	Percent			Number	Percent
World <sup>1</sup> .....	1,869	1,134	735	39.3	2,287	1,504	783	34.2
Africa.....	153	29	124	81.0	194	51	148	73.7
North America.....	137	133	3	2.4	161	158	2	1.5
Latin America.....	123	83	40	32.5	163	125	39	23.6
Asia <sup>1</sup> .....	982	440	542	55.2	1,237	658	579	46.8
Europe and U.S.S.R.....	464	439	24	5.3	521	502	19	3.6
Oceania.....	11	9	1	11.5	13	12	1	10.3

<sup>1</sup> Excludes People's Republic of China, Democratic People's Republic of Korea, and former Democratic Republic of Vietnam.

Source: Statistical Office of the United Nations, New York, N.Y., *World Statistics in Brief*, annual. (Copyright.)

## NO. 1549. EDUCATION AND ILLITERACY, BY COUNTRY

**(Teachers and students:** Data cover both public and private schools for school year beginning in year stated and exclude adult education and correspondence schools. **Expenditures:** Include both capital and current expenditures on public education and subsidized private education converted to U.S. dollars at par values of exchange rates then in effect. **Illiteracy:** Defined as inability both to read and write in any, or a specified, language. See text, p. 882, for general comments concerning the data. For additional qualifications for individual countries, see source.)

COUNTRY	Year	1ST LEVEL <sup>1</sup>		2D LEVEL <sup>2</sup>		Year	Total (mil. dol.)	PUBLIC EXPENDITURE FOR EDUCATION		Year	Percent of population, 15 years old and over
		Teach- ers (1,000)	Stu- dents enrolled (1,000)	Teach- ers (1,000)	Stu- dents enrolled (1,000)			Total public ex- pendi- ture	Gross na- tional prod- uct		
United States.....	1976	<sup>3</sup> 1,293	<sup>3</sup> 25,928	<sup>3</sup> 1,116	<sup>3</sup> 20,355	1976	110,700	17.7	6.0	1969	<sup>4</sup> 1.0
Afghanistan.....	1976	20	748	<sup>6</sup> 7	195	1974	33	(NA)	1.3	1975	<sup>6</sup> 87.8
Albania.....	1971	21	518	3	48	1971	129	11.6	(NA)	1955	<sup>7</sup> 28.5
Algeria.....	1976	70	2,785	23	615	1976	<sup>8</sup> 673	<sup>8</sup> 11.0	<sup>8</sup> 4.4	1971	73.6
Angola.....	1972	13	516	5	79	1972	<sup>9</sup> 48	<sup>9</sup> 11.9	<sup>9</sup> 2.2	1950	<sup>10</sup> 97.0
Argentina.....	1977	202	3,020	175	1,326	1976	<sup>11</sup> 797	<sup>11</sup> 7.7	<sup>11</sup> 1.6	1970	7.4
Australia.....	1976	<sup>12</sup> 82	1,611	77	1,114	1975	5,735	14.4	6.3	(X)	(NA)
Austria.....	1976	<sup>13</sup> 14	62	493	( <sup>14</sup> )	1971	2,300	8.3	5.7	(X)	(NA)
Bangladesh.....	1976	172	9,483	<sup>15</sup> 99	2,317	1975	106	11.7	1.4	1961	78.4
Belgium.....	1975	48	924	(NA)	850	1976	<sup>11</sup> 4,272	<sup>11</sup> 20.5	<sup>11</sup> 6.2	1947	3.3
Bolivia.....	1976	<sup>16</sup> 39	923	<sup>17</sup> <sup>18</sup> 8	128	1976	<sup>19</sup> 76	<sup>19</sup> 17.4	<sup>19</sup> 3.2	1970	37.3
Brazil.....	1974	887	19,287	156	1,682	1976	3,152	(NA)	2.3	1970	33.8
Bulgaria.....	1976	49	981	27	337	1976	845	(NA)	<sup>20</sup> 5.4	1965	9.4
Burma.....	1976	<sup>17</sup> 74	3,476	<sup>13</sup> <sup>15</sup> 23	13,890	1976	66	14.4	1.7	1962	40.3
Canada.....	1976	<sup>14</sup> 256	2,373	( <sup>14</sup> )	<sup>15</sup> 2,582	1976	14,757	(NA)	7.8	(X)	(NA)
Chile.....	1977	<sup>16</sup> 66	2,242	<sup>16</sup> 30	487	1975	<sup>11</sup> 165	<sup>11</sup> 12.0	<sup>11</sup> 3.7	1970	11.9
China: Mainland.....	1977	(NA)	140,000	(NA)	60,000	1960	3,200	(NA)	(NA)	(X)	(NA)
Colombia.....	1977	128	4,161	80	1,616	1976	<sup>11</sup> 299	<sup>11</sup> 21.0	<sup>11</sup> 1.9	1973	19.2
Congo.....	1975	5	319	2	102	1975	60	18.2	8.2	1961	84.4
Costa Rica.....	1976	11	366	6	116	1976	154	30.1	(NA)	1978	11.6
Cuba.....	1976	81	1,748	56	716	1974	890	(NA)	0.9	1953	22.1
Cyprus.....	1977	<sup>21</sup> 2	<sup>21</sup> 55	<sup>21</sup> 3	<sup>21</sup> 49	1976	<sup>22</sup> 32	<sup>22</sup> 14.9	<sup>22</sup> 4.1	1960	24.1
Czechoslovakia.....	1976	93	1,882	25	329	1976	3,165	(NA)	<sup>20</sup> 4.5	(X)	(NA)
Denmark.....	1976	<sup>14</sup> 59	561	( <sup>14</sup> )	293	1975	2,931	15.2	<sup>23</sup> 8.2	(X)	(NA)
Dominican Rep.....	1973	<sup>17</sup> 15	<sup>17</sup> 833	<sup>24</sup> 6	151	1976	76	13.3	(NA)	1970	32.8
Ecuador.....	1976	34	1,278	26	431	1971	52	19.8	3.3	1974	25.8
Egypt.....	1975	118	4,121	79	2,108	1976	780	(NA)	5.4	1976	<sup>25</sup> 56.5
El Salvador.....	1977	<sup>25</sup> <sup>27</sup> 18 15	27,823	<sup>17</sup> 2	65	1975	60	22.2	3.3	1975	<sup>25</sup> 37.9
Ethiopia.....	1974	<sup>29</sup> 19	950	<sup>29</sup> 7	<sup>29</sup> 191	1975	<sup>11</sup> 61	(NA)	<sup>11</sup> 2.3	1965	94.0
Finland.....	1976	<sup>3</sup> 27	3,439	<sup>3</sup> 31	3,431	1976	1,974	16.8	7.1	(X)	(NA)
France.....	1976	258	4,566	331	4,946	1976	20,224	(NA)	<sup>23</sup> 5.8	1946	<sup>4</sup> 3.6
German Dem. Rep.....	1976	<sup>14</sup> 161	2,533	( <sup>14</sup> )	481	1974	<sup>9</sup> 4,254	<sup>9</sup> 7.6	<sup>9</sup> <sup>20</sup> 5.6	(X)	(NA)
Germany, Fed. Rep. of.....	1976	<sup>29</sup> 269	6,288	<sup>29</sup> 314	3,974	1975	<sup>21</sup> 682	10.6	5.2	(X)	(NA)
Ghana.....	1976	<sup>28</sup> 41	<sup>28</sup> 1,213	27	577	1976	<sup>11</sup> 330	(NA)	<sup>11</sup> 4.2	1970	69.8
Greece.....	1975	<sup>27</sup> 31	<sup>27</sup> 937	<sup>15</sup> 27 19	27,678	1974	<sup>28</sup> 343	<sup>28</sup> 8.0	<sup>28</sup> 1.8	1971	15.6
Guatemala.....	1975	<sup>29</sup> 16	627	<sup>27</sup> <sup>29</sup> 6	27,122	1976	73	13.2	1.7	1973	53.9
Guyana.....	1976	4	140	<sup>15</sup> 4	15,73	1976	30	9.6	7.0	1960	<sup>30</sup> 12.9
Haiti.....	1976	13	511	<sup>15</sup> 3	15,56	1976	8	7.9	.9	1971	76.7
Honduras.....	1976	<sup>16</sup> 13	483	<sup>16</sup> 3	16,63	1974	32	20.3	3.2	1974	43.1
Hong Kong.....	1976	20	607	13	396	1976	297	22.0	3.0	1971	<sup>30</sup> 22.7
Hungary.....	1976	68	1,072	23	366	1976	2,370	(NA)	<sup>20</sup> 4.6	1970	2.0
Iceland.....	1975	<sup>31</sup> 1	26	2	26	1975	<sup>32</sup> 51	<sup>32</sup> 13.8	<sup>32</sup> 4.2	(X)	(NA)
India.....	1976	<sup>16</sup> 1,559	67,530	<sup>15</sup> <sup>16</sup> 1,180	<sup>15</sup> 25,781	1975	2,355	(NA)	2.7	1971	66.6
Indonesia.....	1976	619	18,780	238	3,833	1976	<sup>32</sup> 601	<sup>32</sup> 8.9	<sup>32</sup> 1.4	1971	43.4
Iran.....	1976	167	4,769	96	2,357	1976	3,702	14.1	5.4	1971	<sup>6</sup> 63.1
Iraq.....	1976	71	1,952	22	600	1976	692	6.9	4.3	1965	75.8
Ireland.....	1977	<sup>26</sup> 13	<sup>26</sup> 406	<sup>26</sup> 19	287	1976	497	(NA)	6.2	(X)	(NA)
Israel.....	1975	<sup>29</sup> 37	<sup>29</sup> 555	<sup>29</sup> 16	<sup>5</sup> 170	1975	867	(NA)	6.8	1971	12.1
Italy.....	1976	<sup>16</sup> 253	4,742	(NA)	5,058	1975	8,684	11.7	5.0	1971	6.1
Jamaica.....	1976	10	368	10	226	1976	206	15.8	6.9	1960	18.1
Japan.....	1977	<sup>16</sup> 417	10,820	519	9,250	1975	27,488	22.6	5.5	1960	2.2
Jordan.....	1976	<sup>33</sup> 12	<sup>33</sup> 402	<sup>33</sup> 9	<sup>33</sup> 186	1976	<sup>19</sup> <sup>33</sup> 61	<sup>19</sup> <sup>33</sup> 7.7	<sup>19</sup> <sup>33</sup> 3.5	1961	67.6

See footnotes at end of table.

## NO. 1549. EDUCATION AND ILLITERACY, BY COUNTRY—Continued

[See headnote, p. 891]

COUNTRY	Year	1ST LEVEL <sup>1</sup>		2D LEVEL <sup>2</sup>		PUBLIC EXPENDITURE FOR EDUCATION			ILLITERATE POPULATION		
		Teachers (1,000)	Students enrolled (1,000)	Teachers (1,000)	Students enrolled (1,000)	Year	Total (mil. dol.)	Total public ex- pend- iture	Gross na- tional prod- uct	Year	
Korea, Rep. of-----	1977	113	5,514	91	3,546	1976	2 <sup>a</sup> 839	(NA)	(NA)	1970	12.4
Lebanon-----	1972	(NA)	498	(NA)	175	1973	85	20.5	3.0	(X)	(NA)
Liberia-----	1975	4	158	34 (2)	34	1975	14	(NA)	2.4	1962	91.1
Libya-----	1976	29	592	15	198	1975	11 635	(NA)	11 5.2	1964	78.3
Luxembourg-----	1976	29 2	3 34	18 1	16 19	1973	1,089	13.9	5.2	(X)	(NA)
Malawi-----	1976	9	664	18 1	18 16	1975	15	9.6	2.0	1966	35 77.9
Malaysia-----	1977	36 37 51	36 37 609	38 31	38 853	1976	575	(NA)	(NA)	1970	36 41.5
Mail-----	1975	6	252	18 3	55	1975	27	26.9	4.7	1962	97.5
Mauritius-----	1976	6	139	2	69	1976	26	10.5	4.5	1962	39 39.2
Mexico-----	1976	275	12,148	193	3,241	1976	3,300	(NA)	4.3	1970	25.8
Morocco-----	1976	28 40	1,668	40 23	529	1976	518	14.4	6.0	1971	78.6
Netherlands-----	1976	53	1,448	15 16 48	1,331	1975	7,172	(NA)	8.7	(X)	(NA)
New Zealand-----	1976	16 41 21	3 396	16 41 12	3 360	1976	701	(NA)	5.5	(X)	(NA)
Nicaragua-----	1975	17 8	339	17 2	28 63	1974	36	15.6	2.5	1971	42.5
Niger-----	1976	16 4	160	1	18	1976	11 14	11 19.5	(NA)	1962	98.6
Nigeria-----	1973	(NA)	4,890	(NA)	568	1974	956	(NA)	4.3	1962	84.6
Norway-----	1976	14 42	396	(14)	330	1976	2,358	15.1	7.7	(X)	(NA)
Pakistan-----	1975	131	5,294	109	2,032	1976	282	5.1	2.1	1961	84.6
Panama-----	1977	12	357	6	137	1976	115	(NA)	4.9	1970	21.7
Paraguay-----	1975	24 31 16	27 452	13 7	75	1974	19	17.2	1.4	1972	19.9
Peru-----	1977	75	3,020	35	969	1976	498	16.3	3.6	1972	27.5
Philippines-----	1976	16 262	7,864	16 73	2,346	1976	32 248	32 8.0	32 1.4	1970	17.4
Poland-----	1976	202	4,199	15 32	1,428	1975	9 15,185	7.6	(NA)	1970	2.2
Portugal-----	1975	39	922	52	754	1975	581	(NA)	3.7	1970	29.0
Romania-----	1975	27 145	27 3,020	49	1,091	1976	3,366	(NA)	(NA)	1956	11.4
Senegal-----	1975	28 6	312	28 29 (Z)	62	1976	8 16 65	26.0	3.0	1961	35 94.4
Singapore-----	1976	11	316	8	190	1976	157	8.0	2.7	1970	31.1
South Africa-----	1972	42 120	42 4,653	(42)	(42)	1968	9 103	9 5.1	(NA)	1960	43.0
Spain-----	1976	(NA)	3,624	18 43 38	18 3,189	1974	32 1,440	32 11.0	32 1.7	1970	0.8
Sri Lanka-----	1977	28 51	28 1,492	44 63	44 970	1976	96	9.8	3.1	1971	22.4
Sudan-----	1976	34	1,218	5 14	327	1974	45 196	45 14.8	45 5.5	1966	86.3
Sweden-----	1976	38	698	13 55	13 532	1976	5,718	13.3	7.7	(X)	(NA)
Switzerland-----	1977	(NA)	502	444	444	1976	3,063	18.6	5.2	(X)	(NA)
Syria-----	1976	40	1,316	46 2	512	1976	371	8.7	5.8	1970	60.0
Thailand-----	1976	(NA)	6,811	15 34	1,259	1976	646	20.8	4.1	1970	21.4
Turkey-----	1974	160	5,378	46 19	46 312	1972	869	(NA)	5.3	1975	39.7
U.S.S.R-----	1976	14 2,500	34,333	(14)	10,951	1976	38,658	12.7	20 7.5	1970	47.3
United Kingdom-----	1974	3 283	5,812	15 299	4,990	1974	12,882	14.0	6.2	(X)	(NA)
Uruguay-----	1977	13 14	28 270	29 4	5 26 184	1970	32 88	32 26.1	32 3.6	1975	6.1
Venezuela-----	1976	31 94	2,204	13 36	13 631	1975	1,453	(NA)	5.4	1971	23.5
Vietnam-----	1976	217	7,722	128	3,201	(X)	(NA)	(NA)	(X)	(NA)	
Yugoslavia-----	1976	3 61	3 1,461	3 34 1	3 2,312	1976	1,923	(NA)	5.4	1971	18.5
Zambia-----	1975	18	872	15 3	15 73	1976	160	(NA)	6.7	1969	52.7

NA Not available. X Not applicable. Z Less than 500.

<sup>1</sup> Schools providing basic instruction in the tools of learning; length of this education may vary from 4 to 9 years among countries. Excludes nursery school and kindergarten. <sup>2</sup> Middle, secondary, or high schools providing general or specialized instruction more advanced than primary level. <sup>3</sup> Includes special education.<sup>4</sup> Population age 14 and over. <sup>5</sup> Covers general and vocational education only. <sup>6</sup> Population age 6 and over. <sup>7</sup> Population age 9 and over. <sup>8</sup> Ministry of Education expenditure for 1st and 2d level. <sup>9</sup> Current expenditure only. <sup>10</sup> Population all ages. <sup>11</sup> Ministry of Education expenditure only. <sup>12</sup> Includes pre-primary classes, upgraded, special, and correspondence courses. <sup>13</sup> For 1974. <sup>14</sup> Data on general education at 2d level are included with 1st level. <sup>15</sup> Covers general education only. <sup>16</sup> For 1975. <sup>17</sup> For 1972.<sup>18</sup> Covers general and teacher-training education only. <sup>19</sup> Excludes expenditures for universities.<sup>20</sup> Percent of net material product. <sup>21</sup> Excludes data for Turkish schools. <sup>22</sup> Expenditure by Office of Greek Education only. <sup>23</sup> Percent of gross domestic product. <sup>24</sup> For 1971. <sup>25</sup> Population age 10 and over. <sup>26</sup> For 1976. <sup>27</sup> Includes evening schools. <sup>28</sup> Covers public education only. <sup>29</sup> For 1973.<sup>30</sup> Persons with no schooling are defined as illiterates. <sup>31</sup> Includes preprimary education. <sup>32</sup> Central or Federal Government expenditure only. <sup>33</sup> Data refer to East Bank only. <sup>34</sup> Covers teacher-training education only. <sup>35</sup> African population. <sup>36</sup> Covers West Malaysia only. <sup>37</sup> Public and aided schools only.<sup>38</sup> Covers vocational and public general education only. <sup>39</sup> Population age 13 and over. <sup>40</sup> Covers teacher-training and public general education only. <sup>41</sup> Some data for 2d level are included with 1st level. <sup>42</sup> Data on 2d level are included with 1st level. <sup>43</sup> Covers vocational education only. <sup>44</sup> Covers public general education only. <sup>45</sup> Includes private expenditures. <sup>46</sup> Covers teacher-training and vocational education only.<sup>47</sup> Population ages 9 through 49.Source: Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* (copyright); and United Nations Educational, Scientific, and Cultural Organization, Paris, France, *UNESCO Yearbook* (copyright).

## Housing and Health

## NO. 1550. HOUSING AND HEALTH, BY COUNTRY

**Housing:** Data generally intended to refer to conventional (permanent) dwellings only. For some countries, however, data include nonpermanent structures, improvised shelters, and mobile trailers, or, as noted, refer to housing units and to household accommodation (the space occupied by a private household) rather than to dwellings. **Health:** Hospital data refer to hospitals and other medical establishments with beds but exclude old people's homes and establishments for custodial or preventive care only; personnel data refer to persons fully qualified from medical or dental schools and working within the country. See text, p. 882, for general comments concerning the data. For additional qualifications of data for individual countries, see source.

COUNTRY	DWELLINGS				HEALTH						
	Year	Occupied (1,000)	Percent with 1—		Year	Hospitals			Physi- cians, number	Per- sons per physi- cian (1,000)	Den- tists, number
			Piped water 2	Electric light- ing		Number	Beds (1,000)	Popula- tion per bed			
United States 3...	1970	63,450	4 97.5	(NA)	1970	7,271	1,381.3	155	5 348,443	.6	6 112,000
Algeria 7...	1966	1,792	22.7	33.7	1976	(NA)	44.6	387	3,475	4.9	643
Australia 3...	1971	3,671	(NA)	98.4	1972	2,297	160.6	81	17,972	.7	(NA)
Austria...	1972	2,460	87.8	(NA)	1976	(NA)	84.9	88	8 16,941	.4	8 9 1,412
Belgium...	1970	3,223	88.0	100.0	1976	(NA)	87.7	111	8 19,872	.5	8 9 2,463
Brazil...	1973	19,402	33.8	55.6	1974	4,741	391.1	264	10 62,473	1.6	(NA)
Canada...	1976	7,009	98.5	(NA)	11 1975	1,371	208.9	108	40,130	.6	9,487
Chile...	1970	(NA)	12 59.6	(NA)	1976	287	37.7	277	4,750	2.2	1,391
China: Taiwan 8 13	1975	2,671	(NA)	(NA)	1977	9,005	38	444	14 12,097	1.4	15 1,731
Costa Rica...	1973	18 315	81.0	68.8	1975	43	7.5	261	1,293	1.5	360
Czechoslovakia...	1970	4,239	78.1	99.7	1976	416	150.5	99	8 36,858	.4	8 9 6,532
Denmark...	1970	1,801	4 98.7	(NA)	11 1970	296	47.7	103	9,900	.5	4,412
Finland...	1970	1,419	72.1	95.6	1976	(NA)	72.4	65	14 7,068	14 3,471	
France...	1975	17,494	17 97.3	18 98.8	19 1976	3,539	540.8	97	8 20 77,882	20 .7	8 20 25,272
German Dem. Rep.	1971	21 5,933	82.1	100.0	1976	571	180.5	93	32,097	.5	8,108
Germany, F. R...	1972	20,966	99.2	99.9	1976	3,436	726.8	84	122,075	.5	31,885
Greece...	1971	2,483	22 65.0	22 88.3	1976	724	58.6	156	19,340	.5	6,160
Guatemala 17...	1973	935	25.4	28.5	23 1973	156	12.1	457	1,208	4.3	244
Hungary...	1973	3,209	44.0	94.3	1976	213	92.4	114	24,053	.4	2,979
India 24...	1971	92,494	(NA)	(NA)	11 1973	15,265	392.0	1,465	154,000	4.0	9,400
Indonesia 25...	1971	17 22,471	17 2.2	63.5	1976	1,115	83.7	1,625	8,279	16.4	2,100
Iran...	1966	(NA)	21 13.1	21 25.4	26 1974	535	49.2	650	11,373	2.8	1,848
Israel...	1974	817	(NA)	(NA)	25 1976	86	19.8	178	14 9,143	14 1,789	
Italy...	1971	15,301	86.1	99.0	1974	2,073	583.6	94	8 14 114,244	(NA)	(NA)
Jamaica...	1970	420	21.6	(NA)	1974	34	27.8	257	570	3.5	107
Japan...	1968	24,198	94.9	(NA)	1976	28 8,379	28 1,184.7	95	133,416	.8	43,336
Korea, Rep. of...	1975	4,636	29 35.2	29 49.9	1976	187	25.5	1,408	14 17,848	(NA)	14 2,744
Mexico 3...	1970	8,286	38.7	58.9	1974	1,575	67.4	863	10 31,571	(NA)	10 1,879
Morocco...	1971	30 880	30 64.8	30 81.5	1976	132	24.1	739	1,606	11.1	145
Netherlands...	1971	3,660	4 96.9	(NA)	1976	(NA)	138.9	99	22,913	.6	4,068
New Zealand...	1976	939	(NA)	(NA)	11 1977	333	31.8	97	4,090	.8	1,073
Nicaragua 3...	1971	305	27.9	40.9	1976	67	4.7	474	1,356	1.6	237
Norway 3...	1970	1,297	97.5	(NA)	1976	885	58.7	68	7,126	.6	3,930
Panama...	1970	277	26.1	52.4	19 1976	69	6.4	268	1,251	1.3	222
Philippines...	1967	(NA)	12 34.4	12 22.9	19 1973	813	62.9	639	13,480	3.2	4,241
Poland...	1970	8,081	47.3	96.2	1976	1,188	264.6	120	55,772	.6	15,436
Romania...	1966	5,250	12.3	48.6	1976	(NA)	198.4	108	28,568	.8	6,519
Spain...	1970	9,542	77.6	(NA)	11 1974	1,261	185.2	190	8 14 64,597	.5	8 14 3,703
Sri Lanka 3...	1971	2,217	4.4	9.0	31 1976	461	41.1	384	3,251	4.0	280
Sweden...	1975	3,320	98.3	(NA)	1975	699	123.7	66	14,050	.6	7,060
Switzerland...	1970	2,012	(NA)	(NA)	1976	474	72.4	87	12,118	.5	3,600
Turkey...	1970	(NA)	4 35.9	41.1	1976	881	86.2	476	23,388	1.8	5,379
U.S.S.R...	1965	30 31,000	(NA)	(NA)	1976	(NA)	8,076.0	83	82 864,600	.3	(32)
United Kingdom 33...	1971	16,455	(NA)	(NA)	1974	(NA)	27 420.9	117	64,600	.8	34 14,200
Venezuela...	1971	21 1,844	35 53.3	35 76.8	1976	386	36.1	342	14,211	.9	3,674
Yugoslavia...	1971	4,935	7 34.0	87.9	11 1975	490	127.6	167	27,150	.8	9,588

NA Not available. 1 Computed on basis of occupied dwellings where available; otherwise on total dwellings. 2 Inside only. 3 Housing data refer to housing units. 4 Either inside or outside. 5 Excludes osteopaths. 6 1975 data. 7 Housing data exclude semi permanent dwellings. 8 Stomatologists and odontologists included with physicians. 9 Includes non-university level dentists. 10 Personnel in hospitals only.

11 Personnel data are for 1976. 12 Data refer to households. 13 Source: U.S. Bureau of the Census. Data from Republic of China, *Statistical Yearbook of the Republic of China, 1978*. 14 Registered personnel.

15 Includes assistants. 16 Excludes semi-permanent dwellings. 17 Housing data refer to households in housing units. 18 1968 data. 19 Personnel data are for 1975. 20 Includes overseas departments.

21 Data refer to living quarters. 22 Households in dwellings. 23 Personnel data are for 1971. 24 Housing data include Indian-held part of Jammu and Kashmir. 25 Housing data exclude rural population of Western Iran. 26 Personnel data are for 1973. 27 Government establishments only. 28 Incomplete data.

29 1970 data. 30 Urban areas only. 31 Personnel data are for 1972. 32 Dentists included with physicians.

33 England and Wales. 34 Personnel in government service. 35 Housing units, excluding units not intended for habitation but in use for that purpose.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

**No. 1551. SUICIDE RATES, PERSONS 15 YEARS OLD AND OVER, FOR SELECTED COUNTRIES,  
BY SEX AND AGE GROUP: 1977**

[Rate per 100,000 population. Includes deaths resulting indirectly from self-inflicted injuries]

COUNTRY	MALES					FEMALES				
	Total	15-24 yr.	25-44 yr.	45-64 yr.	65 and over	Total	15-24 yr.	25-44 yr.	45-64 yr.	65 and over
United States.....	26.8	21.8	25.4	27.3	38.5	8.8	5.3	9.5	11.6	7.8
Austria.....	45.3	28.9	36.4	49.5	81.6	18.8	8.4	13.1	23.5	28.6
Belgium <sup>1</sup> .....	28.4	11.4	19.0	33.8	65.6	14.4	3.8	10.6	19.9	22.2
Denmark.....	39.9	12.1	38.5	55.1	51.2	22.6	5.0	17.7	34.3	30.5
France <sup>1</sup> .....	29.8	13.5	22.6	35.4	61.3	11.5	4.6	8.4	13.8	19.7
Germany, Fed. Rep. ....	38.3	25.1	35.4	43.7	54.3	19.5	8.7	14.0	25.5	27.7
Ireland <sup>2</sup> .....	9.7	8.2	11.4	10.9	6.5	4.1	1.2	5.4	5.9	2.7
Japan.....	29.3	19.2	26.6	30.7	55.2	17.9	10.0	13.0	17.3	47.5
Netherlands.....	15.2	7.8	13.0	19.1	28.1	9.0	2.9	8.1	12.3	13.5
Norway.....	22.2	16.5	20.7	24.7	27.9	7.6	5.3	8.6	9.5	5.5
Portugal <sup>2</sup> .....	18.9	5.2	12.9	27.9	41.5	5.5	3.4	3.4	6.8	10.6
Sweden.....	35.6	17.6	35.2	39.8	46.3	13.9	7.5	11.2	18.2	16.6
Switzerland.....	43.5	29.9	38.5	52.3	59.5	17.9	9.1	15.5	23.2	22.9
United Kingdom <sup>3</sup> .....	12.9	6.3	12.3	15.2	18.4	7.9	3.7	5.6	10.8	10.8

<sup>1</sup> 1976 data. <sup>2</sup> For 1975. <sup>3</sup> England and Wales only. Excludes Northern Ireland and Scotland.

Source: World Health Organization, Geneva, Switzerland, *World Health Statistics*, annual.

**No. 1552. GROSS DOMESTIC PRODUCT OF SELECTED COUNTRIES AS PERCENT OF UNITED STATES: 1950 TO 1977**

[Comparisons are based on constant (1975) dollar data converted to U.S. dollars using 1975 exchange rates. See text, p. 433]

COUNTRY	GROSS DOMESTIC PRODUCT							PER CAPITA GROSS DOMESTIC PRODUCT						
	1950	1960	1965	1970	1975	1976	1977	1950	1960	1965	1970	1975	1976	1977
United States.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Canada.....	7	8	9	9	11	11	11	80	84	86	91	101	101	98
France.....	15	17	18	20	22	22	22	54	69	73	82	90	89	88
Germany, Fed. Rep. of.....	16	26	26	28	27	27	27	50	84	87	94	95	96	95
Italy.....	18	10	10	11	12	12	11	125	35	37	44	44	44	43
Japan.....	20	15	19	29	33	33	33	218	28	37	57	63	63	63
United Kingdom.....	18	17	16	15	15	15	14	53	58	56	56	57	56	55

<sup>1</sup> Based on 1951 data. <sup>2</sup> Based on 1952 data.

Source: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1800-1970*, using data from the Organization for Economic Cooperation and Development.

**No. 1553. TAX REVENUES—SELECTED COUNTRIES: 1970 TO 1976**

[Covers national and local taxes and social security contributions. GDP = Gross domestic product; see text, p. 433]

COUNTRY	TAX REVENUE (bil. dol.)				AS PERCENT OF GDP			TAX REVENUE PER CAPITA (dol.)				
	1970	1974	1975	1976	1970	1974	1975	1976	1970	1974	1975	1976
United States.....	287.7	407.9	436.3	473.0	30.1	30.2	29.3	1,404	1,925	2,043	2,199	
Australia.....	9.5	25.3	27.7	30.1	25.9	29.1	29.7	30.0	763	1,860	2,014	2,165
Austria.....	5.2	12.6	14.8	15.8	36.1	38.5	39.3	38.9	698	1,678	1,962	2,104
Belgium.....	9.1	20.6	25.8	28.2	35.3	38.3	41.2	41.9	945	2,104	2,635	2,876
Canada.....	27.1	53.7	56.6	66.2	32.0	34.2	33.1	32.9	1,269	2,387	2,480	2,859
Denmark.....	6.4	14.1	15.4	17.2	41.0	46.8	43.5	44.7	1,296	2,800	3,050	3,395
Finland.....	3.4	7.9	10.0	11.9	33.1	35.3	37.6	42.2	744	1,684	2,120	2,520
France.....	50.2	95.0	126.8	137.8	35.4	35.8	37.5	39.5	988	1,811	2,406	2,605
Germany, F.R. ....	61.0	138.3	149.9	163.7	32.8	36.3	35.8	36.7	1,006	2,229	2,425	2,660
Greece.....	2.4	4.4	5.0	6.2	24.0	23.5	24.2	27.9	272	493	557	678
Italy.....	28.0	48.2	55.7	61.2	30.3	31.1	31.8	35.8	521	870	997	1,089
Japan.....	39.8	104.2	102.1	119.4	19.5	22.2	20.2	20.9	385	945	915	1,059
Netherlands.....	12.6	31.4	37.9	41.3	39.8	44.4	45.9	46.2	968	2,320	2,778	3,001
New Zealand.....	1.7	4.4	4.2	4.2	27.8	32.9	31.7	31.8	615	1,453	1,376	1,340
Norway.....	4.4	10.5	12.8	14.5	39.3	44.9	45.0	46.2	1,132	2,646	3,186	3,590
Portugal.....	1.4	3.0	3.7	4.2	23.1	22.6	24.8	26.5	160	326	379	430
Spain.....	6.4	16.1	20.5	21.2	17.2	18.5	20.0	20.3	188	456	574	585
Sweden.....	13.3	24.8	32.0	37.8	40.5	44.2	46.3	50.9	1,656	3,041	3,899	4,595
Switzerland.....	5.0	12.9	16.1	17.8	23.8	27.3	29.7	31.6	799	2,008	2,510	2,802
United Kingdom.....	46.0	69.0	84.1	80.5	37.9	36.0	36.9	36.7	829	1,231	1,500	1,437

Source: Organisation for Economic Co-operation and Development, Paris, France, *Revenue Statistics of OECD Member Countries*, annual.

# Gross National Product

895

## NO. 1554. GROSS NATIONAL PRODUCT, IN CURRENT AND CONSTANT (1976) DOLLARS AND PER CAPITA: 1970 TO 1977

[In millions of dollars, except as indicated. For explanation of conversion to U.S. dollars, see headnote, table 1569.  
For explanation of gross national product (GNP), see text, p. 433]

COUNTRY	CURRENT DOLLARS					CONSTANT (1976) DOLLARS			PER CAPITA (dol.)			
	1970	1974	1975	1976	1977	1970	1975	1977	1970		1975	
											1977	
United States.....	985,815	1,419,828	1,530,999	1,696,120	1,874,402	1,440,902	1,619,213	1,776,685	7,029	7,566	8,188	
Afghanistan.....	1,397	2,002	2,297	2,564	2,806	2,042	2,420	2,660	169	179	189	
Algeria.....	7,467	11,464	14,140	16,386	18,578	10,915	14,896	17,610	815	949	1,036	
Argentina.....	19,842	30,737	33,146	33,772	37,339	29,002	34,919	35,302	1,219	1,369	1,351	
Austria.....	21,849	34,122	36,645	40,620	44,354	31,935	38,605	42,042	4,298	5,134	5,591	
Bangladesh.....	(X)	4,226	4,748	5,479	5,890	(X)	5,002	5,592	63	68		
Belgium.....	37,499	57,799	62,150	66,510	71,922	54,810	65,474	68,172	5,674	6,681	6,935	
Brazil.....	53,670	107,606	123,963	142,320	156,851	78,446	130,594	148,674	810	1,177	1,260	
Bulgaria.....	10,931	16,128	19,060	20,811	22,047	15,977	20,030	20,898	2,827	2,303	2,372	
Burma.....	2,190	3,072	3,520	3,934	4,436	3,200	3,708	4,205	118	122	131	
Canada.....	97,813	156,232	172,827	191,197	206,250	142,967	182,072	195,498	6,712	8,021	8,301	
Chile.....	6,385	9,040	9,070	10,729	(NA)	9,332	9,555	(NA)	996	937	(NA)	
China:												
Mainland.....	158,239	262,438	307,272	324,087	372,812	231,288	323,708	353,377	273	343	360	
Taiwan.....	7,289	12,988	14,577	17,126	19,527	10,653	15,357	18,509	730	954	1,102	
Colombia.....	7,204	11,973	13,585	14,953	16,720	10,530	14,312	15,849	492	596	634	
Cuba.....	4,663	6,012	6,318	(NA)	(NA)	6,815	6,656	(NA)	797	713	(NA)	
Czechoslovakia.....	33,075	47,989	54,134	57,928	63,181	48,344	57,030	59,887	3,381	3,853	3,993	
Egypt.....	5,025	7,488	8,900	10,220	11,698	7,344	9,376	11,089	223	253	285	
Ethiopia.....	1,664	2,421	2,664	2,896	3,132	2,432	2,807	2,968	94	95	95	
France.....	185,043	283,240	312,089	346,845	376,899	270,465	328,783	357,250	5,324	6,239	6,728	
German Dem. Rep.	37,530	54,279	61,707	68,559	72,997	54,855	65,008	69,191	3,205	3,847	4,119	
Germany, F. R. ....	262,956	375,501	401,332	446,346	483,844	384,346	422,799	458,620	6,332	6,841	7,469	
Ghana.....	2,385	3,456	3,803	3,873	4,087	3,486	4,007	3,874	396	401	352	
Greece.....	11,424	17,546	20,328	22,702	24,969	16,697	21,415	23,667	1,900	2,366	2,559	
Hungary.....	15,252	22,287	25,077	26,552	29,368	22,293	26,418	27,837	2,164	2,516	2,626	
India.....	50,642	67,763	80,642	86,039	95,309	74,020	84,955	90,341	134	138	141	
Indonesia.....	16,476	27,671	32,078	36,294	40,779	24,052	33,794	38,653	197	250	274	
Iran.....	24,167	49,285	55,412	66,407	72,054	35,323	58,376	68,298	1,174	1,668	1,846	
Iraq.....	6,072	10,222	13,942	15,905	18,195	8,876	14,688	17,249	937	1,311	1,437	
Italy.....	98,870	144,887	152,721	169,991	182,927	144,511	160,890	173,391	2,691	2,883	3,074	
Japan.....	274,693	441,572	495,725	554,443	620,032	401,500	522,241	587,708	3,861	4,663	5,155	
Kampuchea, Dem. ....	664	580	615	(NA)	(NA)	971	647	(NA)	(NA)	(NA)	(NA)	
Kenya.....	1,701	2,674	2,951	3,278	3,701	2,486	3,109	3,508	220	232	245	
Korea, Dem. Peo. ....	Rep.....	4,397	8,487	10,000	10,219	10,781	6,426	10,535	10,219	453	639	581
Korea, Rep. of.....	9,322	17,374	20,626	25,089	29,199	13,625	21,729	27,676	413	591	725	
Madagascar.....	1,167	1,542	1,715	1,803	1,965	1,706	1,806	1,862	252	238	234	
Malaysia.....	4,601	8,258	9,194	10,547	12,023	6,856	9,685	11,396	635	781	877	
Mexico.....	33,539	53,386	60,630	65,399	70,901	49,022	63,873	67,204	971	1,072	1,055	
Morocco.....	4,177	6,740	7,497	8,671	9,833	6,105	7,898	9,321	404	451	501	
Mozambique.....	(X)	(X)	1,457	1,427	1,518	(X)	1,535	1,439	(X)	168	149	
Nepal.....	773	1,054	1,194	1,316	1,402	1,130	1,258	1,329	100	99	100	
Netherlands.....	49,669	75,418	80,774	89,505	96,788	72,598	85,094	91,742	5,585	6,211	6,600	
Nigeria.....	13,282	23,448	27,074	31,222	33,671	19,414	28,522	31,916	352	454	479	
Pakistan.....	7,329	10,494	12,373	13,284	14,357	10,712	13,035	13,609	175	183	180	
Peru.....	6,876	11,416	12,774	13,728	14,011	10,051	13,487	13,280	475	486	510	
Philippines.....	8,296	13,592	15,772	17,734	19,848	12,126	16,616	18,814	328	388	419	
Poland.....	43,307	71,654	82,122	90,576	100,391	63,299	86,515	95,157	1,948	2,545	2,742	
Portugal.....	8,721	14,198	14,752	16,636	18,644	12,747	15,541	17,672	1,462	1,645	1,816	
Romania.....	24,459	41,009	46,933	55,056	60,156	35,750	49,443	57,020	1,761	2,332	2,628	
South Africa.....	17,543	26,742	29,884	31,887	34,075	25,642	31,482	32,298	1,140	1,235	1,205	
Spain.....	53,432	88,408	97,136	104,151	112,341	78,098	102,332	106,485	3,211	3,875	2,925	
Sri Lanka.....	1,405	1,946	2,209	2,394	2,630	2,053	2,327	2,493	164	170	177	
Sudan.....	2,271	3,713	4,145	4,323	4,834	3,320	4,367	4,582	212	237	234	
Sweden.....	44,570	62,688	69,287	73,975	76,092	65,145	72,993	72,125	8,103	8,912	8,732	
Syria.....	3,043	4,478	5,666	6,355	7,146	4,447	5,969	6,773	710	810	862	
Tanzania.....	1,401	2,139	2,400	2,658	2,969	2,048	2,528	2,814	154	164	173	
Thailand.....	7,344	12,154	14,293	16,245	18,175	10,735	15,057	17,227	289	356	390	
Turkey.....	18,423	31,057	30,798	41,737	47,144	26,927	38,766	44,686	763	972	1,069	
Uganda.....	1,949	2,594	2,737	2,907	3,098	2,849	2,884	2,937	290	251	237	
U.S.S.R.....	523,162	780,911	875,118	960,696	1,047,936	704,671	921,927	993,304	3,147	3,630	3,835	
United Kingdom.....	135,061	191,547	205,214	222,058	234,891	198,286	216,190	222,645	3,573	3,861	3,976	
Venezuela.....	14,838	23,198	27,387	31,125	35,670	21,867	25,851	33,810	2,027	2,272	2,486	
Vietnam.....	2,505	3,256	3,455	(NA)	(NA)	3,661	3,640	(NA)	(NA)	(NA)	(NA)	
Yugoslavia.....	16,682	28,451	32,478	36,610	41,327	24,383	34,215	39,173	1,195	1,599	1,797	
Zaire.....	1,708	2,648	2,881	2,940	3,011	2,496	3,035	2,857	116	122	109	

NA. Not available. X. Not applicable.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual. Data from International Bank for Reconstruction and Development and U.S. Central Intelligence Agency.

No. 1555. GROSS DOMESTIC PRODUCT—PERCENT DISTRIBUTION BY TYPE OF EXPENDITURE AND KIND OF ECONOMIC ACTIVITY

[In percent. In general, "Agriculture" includes forestry, hunting, and fishing; "Industrial activity" covers mining, manufacturing, electricity, gas and water; and "Other" comprises financing, insurance, real estate, and business services; community, social, and personal services; and public administration and defense. Data by kind of economic activity do not add to 100 percent for some countries because import duties are excluded in the reported industrial groups. Unless otherwise stated, data are calculated on the former System of National Accounts (See Yearbook of National Account Statistics)]

COUNTRY	Year	KIND OF ECONOMIC ACTIVITY										
		TYPE OF EXPENDITURE					KIND OF ECONOMIC ACTIVITY					
		Final Consumption Expenditure	Govt.	Private	Increase in stocks <sup>1</sup>	Gross fixed capital formation	Exports	Less Imports	Agriculture	Industrial activity	Construction	Wholesale and retail trade
United States <sup>2</sup>	1977	18	65	1	17	8	10	3	29	5	18	6
Afghanistan	1977 <sup>3</sup>	(NA)	14	(NA)	1	(NA)	46	(NA)	49	17	8	37
Algeria	1976	10	46	(NA)	1	21	10	8	39	13	11	1
Argentina	1975	16	71	(Z)	1	23	16	5	25	4	10	15
Australia <sup>2</sup>	1976 <sup>4</sup>	16	58	1	27	35	39	5	33	9	16	23
Austria <sup>2</sup>	1977	17	57	(Z)	2	27	35	5	33	7	13	30
Bangladesh	1976 <sup>4</sup>	9	80	(Z)	19	6	13	64	8	5	16	5
Belgium	1977	17	62	(Z)	21	47	48	2	30	5	9	17
Bolivia <sup>2</sup>	1975	11	70	(Z)	6	18	21	18	25	4	12	34
Brazil	1977	9	69	(NA)	22	8	10	25	5	19	8	26
Bulgaria	1977	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	18	51	5	13	4
Burma	1977 <sup>4</sup>	91	2	(Z)	8	5	6	47	8	10	9	3
Canada <sup>2</sup>	1977	20	57	(Z)	23	24	24	4	25	6	29	10
Chile	1977	12	80	(NA)	9	17	19	10	27	2	29	37
Colombia	1975	12	75	(NA)	-1	18	15	15	27	24	5	28
Czechoslovakia	1977	7	(NA)	(NA)	(NA)	(NA)	(NA)	10	61	12	14	21
Denmark <sup>2</sup>	1977 <sup>9</sup>	24	56	(Z)	23	29	33	6	21	10	15	8
Dominican Republic	1977	5	77	3	20	21	25	21	23	7	17	26
Ecuador	1977	9	64	3	26	26	28	6	20	6	26	22
Egypt	1977	21	61	4	24	20	31	24	23	4	11	20
Ethiopia	1975 <sup>10</sup>	13	80	10	12	16	44	11	14	4	9	5
France <sup>2</sup>	1977	15	62	1	(NA)	23	21	5	30	7	13	19
German Dem. Rep.	1977	(NA)	(NA)	1	(NA)	(NA)	(NA)	10	61	5	31	5
Germany, Fd. Rep. of <sup>2</sup>	1977	20	56	1	21	26	23	3	41	7	9	3
Ghana	1974	12	77	1	12	21	23	51	14	5	13	32
Greece	1977	16	67	4	23	16	25	15	20	8	12	12
Guatemala	1977 <sup>11</sup>	6	74	2	20	24	26	28	14	2	32	4
Haiti <sup>2</sup>	1976 <sup>7</sup>	(NA)	95	(Z)	12	18	25	41	16	4	10	21
Hungary	1977	(NA)	10	(NA)	19	(NA)	(NA)	36	16	12	18	27
India <sup>2</sup>	1976 <sup>12</sup>	11	67	19	22	(NA)	(NA)	19	18	5	11	2
Indonesia	1977							31	31	5	14	4
											13	30

(13)

4

## Gross Domestic Product—Expenditure—Economic Activity

Iran	1976 <sup>3</sup>	21	51	1975	14	64	9	27	58	45	63	9	5	3
Iraq	1976	13	54	1977	10	53	2	25	27	28	36	2	4	17
Italy <sup>2</sup>	1976	16	74	1977	13	74	1	31	42	36	35	8	5	26
Ivory Coast <sup>2</sup>	1977	16	74	1976	10	53	1	14	14	22	36	7	(NA)	30
Japan <sup>2</sup>	1976	17	70	1966	17	65	3	16	8	13	41	17	7	(NA)
Kampuchea, Dem.	1977	17	58	1977	17	58	(Z)	21	35	32	34	13	4	28
Kenya <sup>2</sup>	1977	12	62	1977	12	62	1	26	36	21	30	6	6	23
Maldives	1974	16	74	1973	13	74	2	13	18	22	41	11	11	18
Malawi	1973	16	74	1976	17	65	4	19	25	34	49	11	4	14
Malaysia <sup>2</sup>	1977 <sup>14</sup>	17	52	1976	18	65	1	23	50	42	28	23	4	22
Mexico <sup>2</sup>	1976	16	71	1975	16	71	(Z)	22	9	10	9	30	6	3
Morocco	1975	18	(NA)	1975 <sup>15</sup>	18	(NA)	2	(NA)	26	27	41	24	9	21
Nepal	1977 <sup>9</sup>	13	52	1975 <sup>15</sup>	18	(NA)	58	21	(NA)	49	67	10	10	13
Netherlands <sup>2</sup>	1975 <sup>12</sup>	11	78	1976 <sup>4</sup>	11	74	1	31	35	32	26	38	6	8
Nigeria	1977 <sup>16</sup>	14	74	1977 <sup>16</sup>	14	74	1	15	16	10	17	31	5	27
Pakistan	1976	11	64	1977	11	64	6	(NA)	24	(NA)	(NA)	13	6	3
Peru <sup>2</sup>	1976	14	74	1977	11	56	-1	30	(NA)	70	36	4	6	20
Philippines	1977	17	(NA)	1977	17	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	15	7	25
Poland	1976	14	81	1977	17	62	3	17	17	30	13	5	11	3
Portugal	1977	17	(NA)	1977	17	(NA)	(NA)	17	(NA)	15	29	3	11	11
Rhodesia <sup>2</sup>	1977	14	74	1976	13	56	-1	30	(NA)	16	61	11	6	11
Romania	1977	14	77	1976	15	56	-1	26	30	24	8	38	4	13
Saudi Arabia <sup>2</sup>	1977	28	(Z)	1977	13	64	21	15	16	16	52	12	11	2
South Africa <sup>2</sup> <sup>17</sup>	1977	10	69	1977 <sup>6</sup>	11	72	-1	15	16	17	34	13	6	19
Spain <sup>2</sup>	1977	14	77	1977	14	77	3	14	12	21	39	11	6	26
Sri Lanka <sup>2</sup>	1977	14	77	1977	28	54	-1	20	28	33	11	4	4	9
Sudan <sup>2</sup>	1977	13	64	1977	13	64	(Z)	21	37	30	4	27	9	38
Sweden <sup>2</sup>	1977	20	(NA)	1977	20	(NA)	(NA)	40	(NA)	(NA)	(NA)	(NA)	4	(NA)
Switzerland	1977	21	(NA)	1977	20	(NA)	(NA)	18	31	30	3	30	6	25
Syria	1977	20	62	1977	11	68	1	25	22	44	20	19	7	24
Thailand	1977	11	68	1977	14	69	1	18	9	21	28	22	6	17
Turkey <sup>2</sup>	1973 <sup>16</sup>	15	80	1971	13	92	(Z)	16	19	(NA)	53	10	2	21
Uganda <sup>2</sup>	1972	15	80	1977	25	(NA)	(NA)	(NA)	(NA)	17	52	11	9	17
U.S.S.R.	1977	14	88	1977	25	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	13	6	(NA)
United Kingdom <sup>2</sup>	1977 <sup>16</sup>	21	59	1977 <sup>16</sup>	21	59	1	18	31	30	3	30	6	33
Upper Volta <sup>2</sup>	1974	9	81	1977	15	51	5	26	16	15	42	12	5	12
Venezuela <sup>2</sup>	1977	15	80	1972	13	92	3	36	29	35	39	17	8	11
Vietnam <sup>2</sup>	1976	13	92	1976	13	92	8	27	13	7	47	1	1	26
Yemen Arab. Rep. <sup>2</sup>	1976	13	(NA)	1976	25	(NA)	(NA)	(NA)	(NA)	(NA)	35	6	8	14
Yugoslavia	1975	25	61	1975	25	43	-6	26	28	40	17	40	10	3
Zaire <sup>2</sup>	1976	25	43	1976	25	43	32	42	42	36	13	16	4	28
Zambia <sup>2</sup>	1976	25	43									9	12	5

NA. Not available. Z. Less than 5 percent. <sup>1</sup> Minus sign (-) denotes decrease. <sup>4</sup> Year ending July 15. <sup>15</sup> Economic activity data for 1971. <sup>2</sup> Related to present system of national accounts. <sup>5</sup> Economic activity data for 1975. <sup>3</sup> Includes Namibia. <sup>6</sup> Economic activity data for 1976. <sup>7</sup> Year beginning July 1. <sup>8</sup> Gas and water included in other. <sup>9</sup> Economic activity data for 1970. <sup>10</sup> Year ending July 7. <sup>11</sup> Economic activity data for 1973. <sup>12</sup> Year beginning April 1. <sup>13</sup> Wholesale and retail trade included in other. <sup>14</sup> Year beginning March 21. <sup>16</sup> Economic activity data for 1971. <sup>17</sup> Year ending Sept. 30. <sup>18</sup> Data are for former Republic of South Vietnam. <sup>19</sup> Economic activity data for 1976. <sup>20</sup> Data are for former Republic of South Vietnam.

Source: Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

**NO. 1556. ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT (OECD)—  
GROSS NATIONAL PRODUCT, 1975 TO 1978, AND CHANGE, 1973–1978 AND 1977–1978**

COUNTRY	GROSS NATIONAL PRODUCT (GNP)			GNP PER CAPITA			Inflation rate, <sup>1</sup> 1977– 1978 (per- cent)	
	Total in constant (1978) dollars (bil.) <sup>1</sup>		Annual per- cent change <sup>2</sup>	In constant (1978) dollars <sup>1</sup>		Annual per- cent change <sup>2</sup>		
	1975	1977	1978	1975	1977	1978		
United States	1,699	2,027	2,108	2.3	4.0	9,758	9,845	9,644
OECD Europe <sup>4</sup>	1,909	2,437	2,505	2.1	2.8	4,987	6,278	6,418
Belgium	75.4	95.9	98.1	2.3	2.3	7,697	9,756	9,971
Luxembourg	2.5	3.3	3.4	.5	2.5	6,861	9,083	9,306
Denmark	40.1	53.9	54.4	1.4	1.0	7,925	10,586	10,650
France	351.6	456.5	470.2	2.8	3.0	6,661	8,601	8,824
Germany, F.R.	474.9	619.2	649.0	1.9	3.4	7,680	10,084	10,443
Ireland	8.6	11.3	12.1	3.3	6.5	2,738	3,552	3,748
Italy	176.9	230.6	235.2	1.9	2.0	3,169	4,085	4,146
Netherlands	98.8	128.0	130.6	2.4	2.0	7,226	9,241	9,365
U. Kingdom	240.6	300.6	309.6	1.0	3.0	4,300	5,383	5,550
Austria	44.4	56.5	57.3	2.4	1.5	5,907	7,507	7,630
Finland	29.7	30.8	31.7	1.8	3.0	6,302	6,494	6,660
Greece	24.0	29.4	31.0	3.5	5.5	2,655	3,169	3,308
Iceland	1.7	2.0	2.1	2.9	3.5	7,727	9,000	9,318
Norway	32.3	38.0	39.4	4.5	3.8	8,042	9,401	9,709
Portugal	14.9	17.7	18.2	2.4	3.0	1,573	1,810	1,856
Spain	111.5	187.5	141.6	2.7	3.0	3,131	3,748	3,815
Sweden	78.7	84.2	86.1	1.2	2.3	9,608	10,190	10,387
Switzerland	62.2	87.8	88.7	-.6	1.0	9,704	13,874	14,057
Turkey	40.3	53.4	54.8	6.5	2.7	1,030	1,267	1,269
Australia	89.4	104.8	107.4	2.5	2.5	6,495	7,445	7,530
Canada	181.7	196.6	203.5	3.3	3.5	7,960	8,446	8,660
Japan	608.0	915.7	968.8	3.7	5.8	5,450	8,042	8,432
New Zealand	12.8	16.0	16.2	1.0	.8	4,160	5,151	5,176

<sup>1</sup> National currency values converted into dollars by the average 1978 Par Rate/Market Rate, as published by the International Monetary Fund, Washington, D.C. <sup>2</sup> Minus sign (−) denotes decrease. <sup>3</sup> GNP or GDP (Gross Domestic Product) implicit price deflators; totals weighted by 1977 (base year) GNP data, in 1977 prices. <sup>4</sup> See text, p. 881. <sup>5</sup> Estimate.

Source: U.S. Department of State, Bureau of Intelligence and Research, *Economic Growth of OECD Countries, 1968–1978*, Report No. 1142, 1979, and unpublished data.

**NO. 1557. ORGANISATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT (OECD)—  
SELECTED DATA: 1975 TO 1978**

[Base for index, 1975=100. Imports c.i.f., except as noted; exports f.o.b. See text, pp. 881–882]

COUNTRY	INDUSTRIAL PRODUCTION INDEX			AVERAGE MONTHLY IMPORTS (mil. dol.)				AVERAGE MONTHLY EXPORTS (mil. dol.)			
	1976	1977	1978	1975	1976	1977	1978	1975	1976	1977	1978
	110	116	118	18,078	10,149	12,321	14,441	8,971	9,583	10,016	11,972
United States	110	116	123	18,078	10,149	12,321	14,441	8,971	9,583	10,016	11,972
OECD	109	113	118	48,948	56,359	63,828	(NA)	47,317	52,541	59,592	(NA)
Australia	106	104	105	1,832	1,932	1,10,020	1,11,76	992	1,093	1,105	1,184
Austria	106	110	122	768	960	1,184	1,331	627	709	816	1,011
Belgium	109	109	111	2,559	2,946	2,354	2,4,030	2,4,01	2,737	3,124	2,3,734
Canada	105	109	115	1,830	1,830	1,3,295	1,3,630	2,692	3,219	3,468	3,846
Denmark	(NA)	(NA)	(NA)	861	1,035	1,105	1,230	726	759	839	987
Finland	102	103	(NA)	635	616	635	654	459	528	640	713
France	109	110	(NA)	4,520	5,366	5,874	6,807	4,361	4,651	5,293	6,372
Germ'y, Fed. Rep.	107	110	113	6,184	7,315	8,392	10,061	7,502	8,503	9,828	11,828
Greece	111	113	(NA)	443	501	565	(NA)	191	212	227	(NA)
Iceland	(NA)	(NA)	(NA)	41	39	51	57	26	33	43	54
Ireland	109	113	(NA)	377	350	449	592	268	276	366	474
Italy	112	112	114	3,197	3,614	3,963	(NA)	2,902	3,077	3,753	(NA)
Japan	(NA)	(NA)	(NA)	4,822	5,400	5,901	6,654	4,646	5,602	6,708	8,187
Luxembourg	106	107	112	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Netherlands	106	107	108	2,929	3,329	3,800	4,406	2,870	3,229	3,640	4,168
Norway	106	105	116	806	926	1,073	952	600	660	726	837
Portugal	(NA)	(NA)	(NA)	319	351	413	(NA)	162	151	189	(NA)
Spain	106	119	(NA)	1,355	1,455	1,481	1,556	640	727	850	1,089
Sweden	98	95	93	1,504	1,597	1,676	1,708	1,451	1,537	1,590	1,810
Switzerland	101	106	(NA)	1,109	1,231	1,492	1,971	1,080	1,237	1,462	1,947
Turkey	(NA)	(NA)	(NA)	387	419	477	(NA)	117	162	145	(NA)
United Kingdom	103	107	111	4,438	4,664	5,308	6,649	3,646	3,855	4,793	5,973
Yugoslavia	(NA)	(NA)	(NA)	641	614	746	(NA)	339	405	407	(NA)

NA Not available. <sup>1</sup> Imports f.o.b. <sup>2</sup> Luxembourg included with Belgium.

Source: Organisation for Economic Co-operation and Development, Paris, France, *Main Economic Indicators*, monthly, and *Statistics of Foreign Trade* (series A), April 1979.

# Production Indexes—Consumer Price Indexes

899

## NO. 1558. INDEXES OF PRODUCTION, EMPLOYMENT, PRICES, AND RETAIL TRADE, BY COUNTRY

[1970=100, except as noted. See text, p. 882, for general comments concerning the data. For additional qualifications of the data for individual countries, see source]

COUNTRY	PRODUCTION			Employ- ment in manu- factur- ing, <sup>3</sup> 1977	PRICES, + 1977			Retail trade sales, <sup>4</sup> 1977		
	Agriculture, <sup>1</sup> 1978		Manu- fac- turing indus- tries, <sup>2</sup> 1977		Consumer prices					
	All com- modi- ties	Food			Total	Food	Whole- sale prices <sup>5</sup>			
United States.....	121	122	107	130	101	156	167	176	194	
Argentina.....	133	134	112	127	(NA)	18,050	6,4,506	19,412	15,344	
Australia.....	132	149	(NA)	7,8,109	90	208	193	217	10,247	
Austria.....	132	112	117	130	11,101	161	154	171	205	
Belgium.....	12,111	12,111	64	120	13,88	175	169	151		
Bolivia.....	135	132	(NA)	14,297	(NA)	288	316	(NA)	(NA)	
Brazil.....	134	142	104	192	(NA)	15,357	15,372	538	(NA)	
Burma.....	116	116	(NA)	(NA)	(NA)	274	291	(NA)	(NA)	
Canada.....	123	124	119	131	103	165	182	195	220	
Chile.....	102	102	127	90	13,94	166,166	208,672	481,255	(NA)	
China: Taiwan <sup>10</sup> .....	17,13	23	17,15	119	17,208	186	19,107	19,108	17,466	
Colombia.....	138	138	20,85	20,147	13,21,123	365	448	448	702	
Costa Rica.....	134	138	(NA)	22,132	(NA)	204	201	261	(NA)	
Cuba.....	115	115	(NA)	(NA)	11,17,23,24,106	(NA)	(NA)	(NA)	(NA)	
Cyprus.....	118	118	70	137	109	20,148	20,164	15,25,175	(NA)	
Czechoslovakia.....	128	128	123	156	109	103	102	(NA)	119	
Denmark.....	112	112	(NA)	117	88	189	202	189	212	
Dominican Republic.....	130	126	(NA)	14,149	14,111	17,196	17,185	187	(NA)	
Ecuador.....	127	126	(NA)	201	13,20,129	235	283	(NA)	(NA)	
Egypt.....	106	113	20,292	20,159	13,14,107	166	199	26,156	(NA)	
El Salvador.....	127	148	(NA)	14,128	20,109	181	179	307	(NA)	
Finland.....	105	105	120	124	11,24,105	227	248	233	285	
France.....	115	115	81	127	99	183	196	27,170	167	
German Dem. Rep. ....	129	129	110	153	11,109	96	100	(NA)	140	
Germany, Fed. Rep. of.....	108	108	83	115	90	146	144	27,144	171	
Ghana.....	101	101	23,88	23,101	13,22,122	26,629	28,876	20,23,278	(NA)	
Greece.....	132	133	149	169	132	227	246	250	278	
Guatemala.....	135	135	(NA)	14,126	17,20,86	29,124	29,122	198	(NA)	
Honduras.....	116	110	(NA)	149	(NA)	154	171	(NA)	(NA)	
Hungary.....	135	135	118	151	30,99	125	128	31,130	176	
India.....	123	124	137	136	13,32,117	174	172	185	(NA)	
Indonesia.....	120	122	(NA)	(NA)	(NA)	324	374	17,323	(NA)	
Iran.....	133	134	20,33	144	20,33,180	(NA)	222	33,204	(NA)	
Iraq.....	107	108	(NA)	(NA)	(NA)	34,145	34,145	28,157	(NA)	
Ireland.....	140	140	100	138	13,32,99	250	264	140	282	
Israel.....	143	141	103	156	11,120	522	570	561	1,124	
Italy.....	111	111	94	122	113	237	240	278	358	
Japan.....	108	109	75	126	98	204	209	168	221	
Korea, Republic of.....	139	137	159	438	248	259	306	291	359	
Lebanon.....	(NA)	(NA)	(NA)	(NA)	(NA)	14,28,130	14,28,148	(NA)	(NA)	
Libya.....	206	209	(NA)	(NA)	(NA)	138	107	(NA)	(NA)	
Luxembourg.....	(12)	(18)	46	102	14,108	166	167	(NA)	(NA)	
Malaysia.....	35,132	35,139	68	211	(NA)	35,153	35,171	(NA)	(NA)	
Mexico.....	126	128	116	145	(NA)	264	267	289	20,265	
Morocco.....	103	102	139	154	(NA)	6,132	6,135	192	(NA)	
Netherlands.....	132	131	213	118	84	176	163	36,180	37,192	
New Zealand.....	113	118	38,180	38,139	17,109	218	217	230	241	
Nicaragua.....	149	139	(NA)	20,165	(NA)	6,123	6,125	(NA)	(NA)	
Norway.....	118	118	744	116	16,105	178	181	172	225	
Pakistan.....	124	128	7,20,128	7,127	(NA)	17,234	17,247	26,255	(NA)	
Panama.....	125	125	(NA)	125	13,14,120	29,109	29,104	217	(NA)	
Paraguay.....	146	140	(NA)	144	(NA)	197	222	(NA)	(NA)	
Peru.....	103	105	(NA)	147	129	334	369	9,14,138	(NA)	
Philippines.....	147	147	162	146	132	15,200	15,196	28,293	(NA)	
Poland.....	120	121	143	209	11,39,40,116	124	124	(NA)	230	
Portugal.....	88	88	41,71	41,143	20,172	302	345	268	(NA)	
Romania.....	152	152	145	232	11,24,39,146	104	107	(NA)	176	
South Africa.....	127	129	101	117	13,116	42,194	42,203	230	17,260	
Spain.....	137	137	120	172	20,116	259	260	223	(NA)	
Sri Lanka.....	124	143	14,192	20,126	13,14,17,94	147	149	6,146	(NA)	
Sweden.....	120	120	94	111	43,101	180	193	44,188	197	
Switzerland.....	115	115	(NA)	101	43,80	149	141	132	134	
Syria.....	173	188	302	175	13,14,15,106	218	234	208	(NA)	

See footnotes at end of table.

## NO. 1558. INDEXES OF PRODUCTION, EMPLOYMENT, PRICES, AND RETAIL TRADE, BY COUNTRY—Continued

[1970=100, except as noted. See text, p. 882, for general comments concerning the data. For additional qualifications of the data for individual countries, see source]

COUNTRY	PRODUCTION			Employ- ment in manu- factur- ing 1977	PRICES, 4 1977			Retail trade sales, 4 1977		
	Agriculture, 1 1978		Min- ing, 2 1977		Consumer prices					
	All com- modi- ties	Food			Total	Food	Whole- sale prices 5			
Thailand.....	142	147	(NA)	(NA)	173	198	194	(NA)		
Tunisia.....	150	150	110	152	145	148	162	(NA)		
Turkey.....	133	132	20 145	20 172	13 162	323	328	(NA)		
U.S.S.R.....	123	123	138	161	14 39 45 109	100	101	31 97 148		
United Kingdom.....	109	109	158	105	13 88	249	294	46 358 47 248		
Uruguay.....	100	101	(NA)	119	(NA)	3,299	3,491	3,429 (NA)		
Venezuela.....	138	138	20 61	20 139	45 140	153	185	180		
Yugoslavia.....	125	125	139	168	11 28 39 140	312	330	31 265 472		
Zambia.....	(NA)	(NA)	97	117	20 28 113	49 199	49 208	184 (NA)		

NA Not available. <sup>1</sup> Refers to calendar year in which all or most of the harvest took place, generally 1978. All commodities index relates to food, fibers, tobacco, industrial oilsseeds, and rubber; food index relates to crops and livestock products for human consumption. Deductions made for feed and seed used in production process. 1961=100. <sup>2</sup> Components of these indexes vary considerably among countries; for details, see source.

<sup>3</sup> Refers, in general, to salaried employees and wage earners in manufacturing. Includes workers on holiday or vacation; excludes employers, self-employed, and workers on strike, on temporary military leave, or temporarily laid off. <sup>4</sup> In many instances, represents index only for principal city (or cities) of particular country.

<sup>5</sup> General wholesale price index numbers usually weighted by gross value of sales on wholesale markets.

<sup>6</sup> 1974=100. <sup>7</sup> Year beginning July 1. <sup>8</sup> Includes the extraction of coal. <sup>9</sup> Building materials.

<sup>10</sup> Year ending June 30. <sup>11</sup> Includes mining and quarrying. <sup>12</sup> Data for Luxembourg included in Belgium.

<sup>13</sup> Data for 1 month. <sup>14</sup> For 1975. <sup>15</sup> 1972=100. <sup>16</sup> Source: U.S. Bureau of the Census. Data from Republic of China publications. <sup>17</sup> 1971=100. <sup>18</sup> For 1977. <sup>19</sup> 1976=100. <sup>20</sup> For 1976. <sup>21</sup> July 1970-June 1971=100. <sup>22</sup> For 1973. <sup>23</sup> For 1974. <sup>24</sup> Includes electricity, gas, and water. <sup>25</sup> Excludes exported goods. <sup>26</sup> Year ending in June. <sup>27</sup> Industrial products. <sup>28</sup> Averages of less than 12 months. <sup>29</sup> 1975=100.

<sup>30</sup> State industry. <sup>31</sup> Producers' prices of industrial products. <sup>32</sup> Includes working proprietors. <sup>33</sup> Year beginning March 21. <sup>34</sup> 1973=100. <sup>35</sup> Data refer to West Malaysia only. <sup>36</sup> Raw materials, including semimanufactured goods. <sup>37</sup> Groceries. <sup>38</sup> Year beginning April 1. <sup>39</sup> Socialized sector. <sup>40</sup> Includes sea fishing. <sup>41</sup> Annual figures are monthly averages. <sup>42</sup> White population. <sup>43</sup> Wage earners only.

<sup>44</sup> Producers' goods. <sup>45</sup> Excludes publishing. <sup>46</sup> Basic materials. <sup>47</sup> Excludes Northern Ireland.

<sup>48</sup> Establishments with 10 or more workers. <sup>49</sup> Low income group.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

## NO. 1559. CONSUMER PRICE INDEXES—SELECTED COUNTRIES: 1970 TO 1978

COUNTRY	TOTAL INDEXES (1967=100)						Average annual percent change, 1970- 1978	INDEXES FOR SELECTED ITEMS, 1978 (1967=100)			
	1970	1974	1975	1976	1977	1978		Food <sup>1</sup>	Cloth- ing	Hous- ing <sup>2</sup>	Trans- portation
United States.....	116.3	147.7	161.2	170.5	181.5	195.4	6.7	211.4	159.6	202.8	185.5
Australia.....	109.8	155.3	178.7	202.9	227.9	245.8	10.6	227.4	264.0	277.3	(NA)
Austria.....	110.6	145.0	157.2	168.7	178.0	184.4	6.6	173.8	161.2	206.7	192.1
Belgium.....	110.7	146.8	165.6	180.7	193.6	202.2	7.8	191.8	(NA)	(NA)	(NA)
Canada.....	112.4	144.5	160.1	172.1	185.9	202.5	7.6	231.4	160.2	210.0	188.4
Denmark.....	119.1	169.2	185.5	202.2	224.7	247.2	9.6	275.6	3 193.0	(NA)	(NA)
Finland.....	114.6	171.6	202.0	231.1	260.3	280.0	11.8	299.4	(NA)	(NA)	(NA)
France.....	117.1	160.0	178.9	196.1	214.5	233.9	9.0	246.6	216.2	234.5	257.3
Germany, F.R.....	107.0	138.0	144.1	150.6	156.5	160.6	5.2	150.7	161.9	171.2	167.1
Greece.....	105.8	166.7	189.0	214.2	240.1	270.3	12.4	299.4	(NA)	(NA)	(NA)
Iceland.....	159.7	327.8	488.2	645.6	841.8	*1,200.0	4 28.7	(NA)	(NA)	(NA)	(NA)
Ireland.....	121.7	187.7	226.8	267.6	304.2	327.6	13.2	350.7	(NA)	(NA)	(NA)
Italy.....	109.2	159.8	186.9	218.3	258.5	289.8	13.0	292.1	318.1	254.0	334.8
Japan.....	119.3	183.0	204.5	223.7	241.9	252.1	9.8	266.2	256.7	204.4	272.8
Luxembourg.....	109.9	140.7	155.7	171.0	182.4	188.0	6.9	192.3	(NA)	(NA)	(NA)
Netherlands.....	115.5	159.4	175.3	190.9	203.8	212.5	7.9	183.7	231.5	212.0	197.6
New Zealand.....	116.6	165.3	189.6	221.8	254.0	284.4	11.8	277.7	(NA)	(NA)	(NA)
Norway.....	118.0	158.0	176.5	192.6	210.1	227.2	8.5	230.0	211.7	(NA)	(NA)
Portugal.....	122.7	214.8	247.6	299.6	371.2	423.4	16.7	474.6	(NA)	(NA)	(NA)
Spain.....	113.3	171.2	200.3	235.5	293.2	350.9	15.2	342.7	(NA)	(NA)	(NA)
Sweden.....	112.0	149.6	164.3	181.1	201.8	222.0	8.9	240.2	174.9	236.9	(NA)
Switzerland.....	108.8	147.6	157.5	160.2	182.3	164.0	5.3	153.0	156.7	(NA)	(NA)
Turkey.....	120.1	238.0	282.5	331.6	418.1	676.8	24.1	(NA)	(NA)	(NA)	(NA)
United Kingdom.....	117.4	174.3	216.5	252.4	292.4	316.6	13.2	372.7	255.0	296.2	323.1
Yugoslavia.....	125.5	245.0	309.2	340.0	391.0	449.8	17.3	481.5	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> Restaurant meals, alcohol, and tobacco are included for some countries, excluded for others. <sup>2</sup> Includes shelter, utilities, and household furnishings and operations. However, actual coverage and measurement methods vary significantly from country to country. <sup>3</sup> June 1978. <sup>4</sup> 1970 to June 1978.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual, and unpublished data.

## No. 1560. LABOR FORCE, MANUFACTURING, STEEL, IRON ORE, CEMENT, COTTON YARN, AND FISH, BY COUNTRY: 1977

[See text, p. 882, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	Economically active population <sup>1</sup> (1,000)	Persons engaged in manufacturing <sup>2</sup> (1,000)	Production <sup>3</sup> (mil. metric tons)	STEEL		PRODUCTION			Fish catches <sup>8</sup> (1,000 metric tons)	
				Consumption <sup>4</sup>		Iron ore <sup>5</sup> (iron content)	Cement <sup>6</sup> (mil. metric tons)	Cotton yarn <sup>7</sup> (1,000 metric tons)		
				Total (mil. metric tons)	Per capita (kilograms)					
World, total	(NA)	(NA)	667.0	(NA)	(NA)	482.8	759.0	(NA)	73,500	
United States	82,897	(NA)	113.7	133.9	618	11 35.0	72.6	1,145	3,102	
Algeria	2,565	(NA)	.2	2.0	110	1.7	1.8	12 9	44	
Argentina	9,011	(NA)	2.7	3.6	140	.3	6.0	13 95	303	
Australia	5,330	14 15 1,175	14 7.5	5.1	365	14 60.2	5.0	13 14 20	14 128	
Austria	3,098	12 15 17 677	4.1	2.5	335	1.1	6.0	20	3	
Belgium	3,638	(NA)	11.3	18 4.0	18 388	(Z)	7.8	41	45	
Brazil	29,557	16 19 20 3,638	11.2	12.0	107	21 56.6	20.5	22 23 70	24 790	
Bulgaria	4,268	25 1,180	2.6	2.4	276	.7	4.7	86	138	
Canada	8,162	22 1,748	13.6	12.8	550	27 31.8	9.9	22 63	1,280	
Chile	2,607	12 23 236	29 .5	.6	60	4.9	1.1	13 30 23	1,285	
China: Mainland	(NA)	21 27.0	32.5	.38	21 32.5	21 40.0	13 1,450	24 6,880	355	
Taiwan <sup>31</sup>	5,748	1,735	.6	3.2	192	(NA)	10.3	32 277	24 75	
Colombia	5,134	12 16 35 457	.2	.8	31	.5	3.3	19 28	185	
Cuba	2,633	(NA)	.3	.5	53	(NA)	2.7	13 24		
Czechoslovakia	6,996	25 2,489	15.1	10.5	700	.6	9.8	126	18	
Denmark	2,313	22 31 380	.7	1.8	356	(Z)	2.3	2	1,807	
Dominican Rep.	856	(NA)	.1	.28	(NA)	21 .6	22 35	(Z)	5	
Ecuador	1,443	12 16 36 75	(NA)	.4	46	(NA)	20 .6	22 1	476	
Egypt	7,782	30 37 693	21 .3	1.0	26	.7	3.2	13 210	105	
El Salvador	1,315	12 16 38 51	(NA)	.1	21	(NA)	.3	13 6	8	
Finland	2,129	20 498	2.2	1.5	326	.8	1.7	22 18	117	
France	20,439	35 5,760	22.1	10.5	368	11.1	29.0	238	760	
German Dem. Rep.	8,214	40 3,112	6.9	9.9	501	(Z)	12.1	41 135	209	
Germany, F.R. of	26,494	42 6,915	39.0	33.0	538	.9	32.2	41 178	432	
Ghana	3,332	43 44 45 61	(NA)	.1	11	(NA)	22 .7	(NA)	383	
Greece	40 3,388	12 573	21 .5	1.6	176	.0	10.6	13 22 87	24 106	
Guatemala	1,364	12 20 69	(NA)	.2	26	(NA)	.5	(NA)	3	
Hong Kong	1,655	755	(NA)	1.2	262	-	1.0	200	158	
Hungary	4,089	40 1,331	3.7	3.7	343	.1	4.6	47 60	35	
India	180,373	22 48 49 5,662	29 9.8	10.2	16	26.5	19.2	50 1,034	2,540	
Indonesia	40,100	12 51 759	(NA)	1.2	8	(NA)	2.9	30 54	1,545	
Iran	7,584	12 33 52 396	(NA)	4.7	137	21 53 .7	22 6.0	22 35 65	24 2	
Iraq	(NA)	12 54 134	(NA)	.7	60	(NA)	21 2.5	12 13 1	26	
Ireland	1,120	30 55 203	21 (Z)	.5	150	(NA)	1.6	65 4	96	
Israel	950	20 42 255	21 .1	.7	195	(NA)	2.0	26	24	
Italy	18,750	12 57 3,624	23.3	20.8	368	.2	38.2	212	427	
Japan	53,321	10 22 58 11,212	102.4	58.2	512	59 .5	73.1	441	10,733	
Korea, Dem. Peo. Rep.	(NA)	(NA)	21 3.1	3.2	190	21 3.8	21 7.0	(NA)	24 1,600	
Korea, Rep. of	10,378	20 22 44 1,717	29 2.7	6.8	186	.4	14.2	189	2,419	
Lebanon	(NA)	(NA)	.2	.2	79	(NA)	21 1.4	13 30 5	24 3	
Liberia	412	(NA)	(Z)	(18)	19	12.0	21 .1	(NA)	24 16	
Luxembourg	131	12 37 45	4.3	(18)	(18)	.5	3	(NA)	(NA)	
Malaysia	3,430	16 19 60 261	(NA)	.6	50	.2	31 1.8	13 61 18	619	
Mexico	12,910	(NA)	5.5	6.5	100	3.6	13.3	12 13 18	670	
Morocco	3,981	(NA)	12 60 (Z)	.8	44	.2	2.6	19 14	261	
Netherlands	4,169	63 64 1,022	4.9	4.5	322	(NA)	3.9	28	313	
New Zealand	9,1026	22 48 62 299	(NA)	.9	280	-	.9	(NA)	111	
Nigeria	18,036	19 44 54 186	(NA)	1.8	27	(NA)	1.3	13 15 5	506	
Norway	1,409	20 22 367	.7	1.6	405	2.4	2.3	1	3,562	
Pakistan	39,591	(NA)	(NA)	.7	9	(NA)	14 3.1	13 14 50 283	249	
Peru	3,872	20 30 258	21 .4	.6	37	4.0	21 2.0	(NA)	2,530	
Philippines	11,355	19 20 532	(NA)	1.4	31	-	4.1	13 47 31	1,511	
Poland	16,944	66 4,284	17.3	18.7	.5	.67 .2	21.3	41 219	665	
Portugal	3,424	16 22 60 629	.4	1.5	156	(Z)	4.3	13 85	310	
Rhodesia	110	(NA)	21 .3	.5	74	21 .3	.5	(NA)	24 2	
Romania	10,362	68 1,635	11.5	12 9.8	12 464	6	13.1	41 47 171	151	
South Africa	7,988	58 69 1,315	29 70 7.2	71 4.9	71 161	16.6	6.6	67	603	
Spain	11,865	16 22 72 2,279	10.9	9.1	249	4.2	28.0	66	1,455	
Sri Lanka	3,459	(NA)	(Z)	2	(NA)	.4	13 5	139		
Sweden	3,413	925	4.0	3.8	463	16.1	2.5	22 7	192	
Switzerland	3,005	16 73 675	74 .7	2.3	356	(NA)	3.6	45	4	
Syria	1,525	176	(NA)	.6	76	(NA)	1.4	13 28	2	
Thailand	16,850	(NA)	21 .3	1.4	31	(Z)	5.1	13 22 47 73	1,773	
Tunisia	1,094	16 22 75 84	62 .2	.4	68	.2	.6	13 22 7	38	
Turkey	15,829	22 33 738	1.5	4.7	112	1.4	13.4	22 50 167	24 156	
U.S.S.R.	115,204	30,562	146.7	22 145.6	22 567	131.4	127.1	1,597	9,352	

See footnotes at end of table.

## NO. 1560. LABOR FORCE, MANUFACTURING, STEEL, IRON ORE, CEMENT, COTTON YARN, AND FISH, BY COUNTRY: 1977—Continued

[See headnote, page 901]

COUNTRY	Economically active population <sup>1</sup> (1,000)	Persons engaged in manufacturing <sup>2</sup> (1,000)	STEEL		PRODUCTION			Fish catches <sup>8</sup> (1,000 metric tons)	
			Production <sup>3</sup> (mil. metric tons)	Consumption <sup>4</sup>		Iron ore <sup>5</sup> (iron content) (mil. metric tons)	Cement <sup>6</sup> (mil. metric tons)		
				Total (mil. metric tons)	Per capita (kilograms)				
United Kingdom	76 22,754	12 7,472	20.4	19.5	349	.9	15.5	126	
Uruguay	1,012	1,239	(Z)	(Z)	16	—	21.7	(NA)	
Venezuela	3,015	12 324	21.8	3.6	285	8.5	3.3	43 16	
Vietnam	77 5,742	(NA)	(NA)	.3	7	(NA)	21.7	13 30 77 10	
Yugoslavia	8,890	22 78 1,811	2.4	5.2	239	1.5	8.2	121	

<sup>1</sup> Represents zero. <sup>NA</sup> Not available. <sup>Z</sup> Less than 50,000 metric tons; except cotton, less than 500 metric tons. <sup>2</sup> Comprises all persons engaged in or actively seeking productive work in some branch of the economy during a specified period of time. Generally, data are for a specific date in the 1960's and 1970's.

<sup>3</sup> Comprises average number of employees, working proprietors, and unpaid family workers engaged in production of manufactured goods, including assembly of component parts and, except in the case of consumer goods, repair services. Except as noted, excludes gas manufacture and electricity. <sup>4</sup> Total production of crude steel, both ingots and steel for castings. Excludes wrought (puddled) iron. <sup>5</sup> Data represent apparent consumption (i.e., production plus imports minus exports) and do not take into account changes in stocks. <sup>6</sup> Refers generally to iron content of marketable ores mined, including manganeseiferous iron ores but excluding pyrites. Some data are rough estimates obtained by applying a fixed percentage to figures for crude ore production. <sup>7</sup> Covers, as far as possible, all hydraulic cements used for construction (portland, metallurgical, aluminum, natural, etc.).

<sup>8</sup> Covers pure and mixed yarn, including yarn spun from cotton waste, and excludes tire cord yarn, except as noted. <sup>9</sup> Covers both sea and inland fisheries, in terms of live weight, includes shellfish; excludes whales, dolphins, etc. <sup>10</sup> Excludes Armed Forces abroad.

<sup>11</sup> Excludes steel for castings made in foundries operated by companies not producing ingots. <sup>12</sup> Includes iron content of byproduct ore. <sup>13</sup> For 1975. <sup>14</sup> Pure cotton yarn only. <sup>15</sup> Year ending June 30. <sup>16</sup> All establishments except single-establishment enterprises with fewer than 4 employees. <sup>17</sup> For one period of the year indicated. <sup>18</sup> Establishments with 20 or more employees.

<sup>19</sup> Luxembourg included with Belgium. <sup>20</sup> For 1974. <sup>21</sup> Establishments with 5 or more engaged. <sup>22</sup> Data from U.S. Bureau of Mines. <sup>23</sup> For 1976. <sup>24</sup> Production in the State of São Paulo only. <sup>25</sup> FAO estimate.

<sup>26</sup> All enterprises in socialist sector except publishing. <sup>27</sup> Excludes armed services. <sup>28</sup> Shipments from mines. <sup>29</sup> Establishments with 50 or more engaged. <sup>30</sup> For 1973. <sup>31</sup> Source: U.S. Bureau of the Census. Data from Republic of China publications. <sup>32</sup> For 1969. <sup>33</sup> Establishments with 10 or more engaged. <sup>34</sup> Establishments with 6 or more employees. <sup>35</sup> Mixed yarn only. <sup>36</sup> Establishments with 7 or more engaged. <sup>37</sup> Private establishments with 10 or more engaged and all public establishments.

<sup>38</sup> Establishments with 5 or more employees. <sup>39</sup> Total mining and manufacturing. <sup>40</sup> All enterprises. <sup>41</sup> Includes tire cord yarn. <sup>42</sup> Establishments with 20 or more engaged. <sup>43</sup> For 1972. <sup>44</sup> Includes home-workers. <sup>45</sup> Establishments with 30 or more engaged. <sup>46</sup> Includes Armed Forces abroad. <sup>47</sup> Excludes yarn made from waste. <sup>48</sup> Year ending March 31. <sup>49</sup> Establishments with 10 or more engaged using power, or with 20 or more engaged not using power. <sup>50</sup> Mill production only. <sup>51</sup> Establishments with 20 or more workers. <sup>52</sup> Year ending March 20. <sup>53</sup> Year beginning March 21. <sup>54</sup> Establishments with 10 or more employees. <sup>55</sup> Establishments with 3 or more engaged. <sup>56</sup> Data from International Cotton Advisory Committee. <sup>57</sup> Enterprises with 20 or more engaged. <sup>58</sup> All private establishments. <sup>59</sup> Includes iron content of iron sand and pyrites. <sup>60</sup> Establishments in selected industries. <sup>61</sup> West Malaysia only. <sup>62</sup> Crude steel for casting only. <sup>63</sup> Work-years. <sup>64</sup> All kind-of-activity units in mining and manufacturing. <sup>65</sup> Establishments with 2 or more engaged. <sup>66</sup> All establishments in the socialist sector, except publishing. <sup>67</sup> Includes iron content of iron pyrites. <sup>68</sup> State enterprises under direction of central government. <sup>69</sup> For one period of year ending June 30, 1976. <sup>70</sup> Includes coconat steel billets. <sup>71</sup> Includes data for Botswana, Lesotho, Namibia, and Swaziland. <sup>72</sup> All establishments, but certain industries not covered. <sup>73</sup> Establishments subject to labor laws. <sup>74</sup> Data from UN Economic Commission for Europe. <sup>75</sup> All units with 5 or more employees. <sup>76</sup> For England and Wales only. <sup>77</sup> Data for former Republic of South Vietnam only.

<sup>78</sup> All enterprises in the socialist sector, except licensed handicrafts.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook and Demographic Yearbook*. (Copyright.)

## NO. 1561. LABOR FORCE AND UNEMPLOYMENT—INTERNATIONAL COMPARISONS: 1970 TO 1978

[Data on basis of U.S. labor force definitions adopted in 1967 (see text, p. 390) except that minimum age for population base varies as follows: United States, France, Sweden, and, beginning 1973, Great Britain, 16 years; Australia, Canada, Japan, Germany, and, prior to 1973, Great Britain, 15 years; Italy, 14 years]

COUNTRY	CIVILIAN LABOR FORCE (millions)							PERCENT UNEMPLOYED						
	1970	1973	1974	1975	1976	1977	1978	1970	1973	1974	1975	1976	1977	1978
United States	82.7	88.7	91.0	92.6	94.8	97.4	100.4	4.9	4.9	5.6	8.5	7.7	7.0	6.0
Australia	5.4	5.9	6.0	6.2	6.2	6.4	6.4	1.4	2.3	2.7	4.9	4.8	5.6	6.3
Canada	8.4	9.3	9.7	10.2	10.2	10.5	10.9	5.7	5.6	5.4	6.9	7.1	8.1	8.4
France	21.0	21.5	21.7	21.8	21.8	22.0	22.2	2.6	2.7	3.0	4.3	4.7	5.0	5.4
Germany, F.R. <sup>2</sup>	26.3	26.4	26.1	25.7	25.4	25.3	25.3	.8	1.7	3.6	3.6	3.6	3.6	3.4
Great Britain	24.3	24.5	24.5	24.6	25.0	25.3	25.4	3.1	2.9	2.9	4.1	5.5	6.4	6.1
Italy	20.0	19.8	20.1	20.3	20.5	20.5	20.6	3.1	3.4	2.8	3.2	3.6	3.4	3.5
Japan	50.7	52.6	52.4	52.5	53.1	53.8	54.6	1.2	1.3	1.4	1.9	2.0	2.0	2.3
Sweden	3.0	4.0	4.0	4.1	4.1	4.2	4.2	1.5	2.5	2.0	1.6	1.6	1.8	2.2

<sup>1</sup> Preliminary estimates based on incomplete data. <sup>2</sup> Federal Republic of Germany. Includes West Berlin.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual.

NO. 1562. SELECTED INDEXES OF MANUFACTURING ACTIVITY—SELECTED COUNTRIES:  
1970 TO 1978

[1967=100]

ITEM	United States	Canada	Belgium	Denmark <sup>1</sup>	France	Germany, F.R. <sup>2</sup>	Italy	Japan	Nether- lands	Swed- en	United King- dom
Output per hour:											
1970	104.5	114.7	129.5	129.3	121.2	116.1	121.7	146.5	134.0	123.5	108.8
1973	118.8	134.3	168.8	159.8	142.5	136.6	151.7	181.2	170.2	148.9	127.6
1974	112.6	136.6	178.8	165.1	146.6	145.0	159.7	181.7	184.3	153.9	127.7
1975	118.2	133.3	186.9	178.0	150.7	151.3	152.9	174.6	181.1	151.9	124.2
1976	123.2	139.4	205.0	191.4	163.6	160.3	165.9	188.7	199.1	152.9	127.9
1977	120.1	146.1	217.7	195.4	171.7	169.0	167.8	199.2	206.0	151.9	126.5
1978 <sup>3</sup>	129.2	152.2	(NA)	200.8	180.2	175.3	172.7	215.7	(NA)	160.2	128.6
Compensation per hour, national currency: <sup>4</sup>											
1970	121.8	124.0	131.2	145.0	131.6	133.5	145.7	164.0	146.2	130.3	131.0
1973	146.4	158.2	200.4	203.4	188.0	192.2	243.9	264.5	228.4	183.1	186.5
1974	161.1	182.9	243.2	244.9	225.8	221.8	303.9	347.1	272.2	213.4	232.2
1975	180.2	209.4	293.0	291.2	270.4	250.2	391.7	407.4	311.3	258.6	301.7
1976	195.1	238.8	325.6	324.5	309.7	268.5	469.2	440.6	348.7	308.9	356.4
1977	212.2	264.3	362.0	357.5	355.9	294.7	567.6	481.0	377.2	345.1	392.7
1978 <sup>3</sup>	232.5	282.7	(NA)	393.1	402.0	316.0	634.9	511.4	(NA)	389.9	459.0
Real hourly compensa- tion: <sup>4,5</sup>											
1970	104.7	110.4	118.5	121.8	116.7	125.1	133.2	137.5	126.6	115.2	110.9
1973	110.0	121.4	153.8	138.5	138.7	152.4	181.9	178.1	158.1	129.9	122.8
1974	109.1	126.5	165.6	144.7	146.5	164.6	189.8	189.7	171.8	138.1	131.7
1975	111.8	130.8	177.0	157.0	156.9	175.0	208.7	199.2	178.3	152.6	138.2
1976	114.4	138.8	180.2	160.5	163.9	179.5	214.6	196.9	183.5	165.4	139.8
1977	116.9	142.2	187.0	159.1	172.3	190.1	213.7	198.8	186.5	166.0	131.9
1978 <sup>3</sup>	119.0	139.6	(NA)	159.0	178.4	198.9	216.4	202.8	(NA)	169.1	142.4
Unit labor costs, national currency:											
1970	116.5	108.1	101.3	112.2	108.6	115.0	119.8	112.0	109.1	105.5	120.3
1973	123.2	117.7	118.7	127.3	131.9	140.7	160.8	146.0	134.2	123.0	146.2
1974	143.1	133.9	136.0	148.4	154.1	153.0	190.4	191.0	147.7	138.6	181.9
1975	152.4	157.1	156.8	163.6	179.4	165.4	256.2	233.4	171.9	170.3	242.9
1976	158.4	171.3	158.8	169.5	189.3	167.5	282.7	233.5	175.1	202.1	278.7
1977	168.3	180.9	166.3	182.9	207.2	174.3	332.3	241.4	183.1	297.2	310.3
1978 <sup>3</sup>	179.9	185.7	(NA)	195.7	223.1	180.2	367.7	237.1	(NA)	243.4	357.0
Unit labor costs, U.S. dollar basis: <sup>6</sup>											
1970	116.5	111.7	101.4	104.4	96.7	125.7	119.2	113.2	108.7	105.0	104.8
1973	123.2	127.0	152.0	147.6	146.3	211.7	172.5	195.2	174.0	145.8	130.2
1974	143.1	147.7	178.8	170.3	157.7	236.2	182.6	237.3	198.3	161.4	154.7
1975	152.4	166.6	212.3	199.2	206.2	268.5	245.1	284.8	245.4	212.2	196.2
1976	158.4	187.4	204.5	195.8	195.1	265.4	212.5	285.3	238.8	239.4	182.9
1977	168.3	183.7	230.6	212.7	207.5	299.4	234.9	326.5	268.7	262.5	196.9
1978 <sup>3</sup>	179.9	175.8	(NA)	248.1	243.9	358.3	270.4	412.0	(NA)	278.2	249.0
Employment:											
1970	99.6	98.9	104.4	105.7	103.7	111.1	108.2	107.7	101.7	102.2	102.2
1973	103.6	105.6	105.2	107.5	109.5	108.6	111.3	114.5	95.3	99.7	97.3
1974	103.2	107.7	106.3	104.0	110.9	105.7	114.2	114.9	94.9	102.0	98.4
1975	94.3	105.1	99.8	94.1	107.8	98.6	113.7	109.2	91.8	102.6	96.0
1976	97.8	105.1	95.7	94.7	106.9	96.2	114.0	108.9	88.3	102.2	94.2
1977	101.2	105.2	92.0	94.8	106.4	95.4	114.1	107.0	86.0	99.2	95.6
1978 <sup>3</sup>	104.8	107.1	(NA)	94.1	104.6	95.0	113.0	104.3	(NA)	96.6	95.1
Hours:											
1970	98.1	98.2	101.4	98.8	102.0	113.4	103.3	104.4	96.4	98.1	102.6
1973	103.7	103.7	96.1	92.7	104.9	106.7	95.8	107.8	86.5	90.0	96.7
1974	102.0	105.4	95.1	91.5	104.6	100.9	97.1	103.3	83.3	91.2	95.0
1975	92.3	102.0	84.2	80.1	99.4	91.2	91.8	95.7	79.1	90.3	91.7
1976	96.9	102.7	82.8	80.9	98.5	91.9	95.2	98.4	75.9	88.6	90.3
1977	100.6	101.8	78.2	80.3	97.0	89.7	96.2	97.0	73.9	84.9	92.5
1978 <sup>3</sup>	104.4	105.0	(NA)	79.8	94.8	88.0	95.0	95.1	(NA)	79.5	91.8

NA Not available. <sup>1</sup> Excludes handicraft industries. <sup>2</sup> Federal Republic of Germany. Includes West Berlin. <sup>3</sup> Preliminary. Estimates for Italy based on partial year data. <sup>4</sup> Compensation includes, but real hourly compensation excludes, adjustments for payroll and employment taxes that are not compensation to employees, but are labor costs to employers. <sup>5</sup> Index of hourly compensation divided by the index of consumer prices to adjust for changes in purchasing power. <sup>6</sup> Indexes in national currency adjusted for changes in prevailing exchange rates.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, annual.

## No. 1563. PRIMARY ENERGY PRODUCTION BY SOURCE OF ENERGY AND REGION: 1960 TO 1977

[In millions of metric tons of coal equivalent. See text, p. 882, for general comments concerning the data]

SOURCE OF ENERGY AND YEAR	World total	Africa	United States	Other West- ern Hemi- sphere	Middle East	Other Asia	West- ern Europe	East- ern Europe	U.S.S.R.	Oceania
Total primary energy:										
1960.....	4,478	65	1,435	393	392	612	566	306	679	31
1965.....	5,582	215	1,712	532	625	545	577	366	969	42
1970.....	7,299	499	2,157	673	1,058	660	539	417	1,223	73
1975.....	8,422	454	2,049	687	1,500	926	631	467	1,593	115
1976.....	8,896	530	2,047	689	1,687	986	656	483	1,692	126
1977.....	9,254	564	2,065	711	1,711	1,110	696	493	1,774	130
Coal and lignite:										
1960.....	2,191	43	392	16	4	547	499	268	393	29
1965.....	2,269	54	476	18	6	453	480	312	430	39
1970.....	2,356	60	553	24	7	501	365	342	450	55
1975.....	2,577	75	536	38	8	623	312	374	490	72
1976.....	2,650	82	609	37	8	637	308	381	506	80
1977.....	2,763	91	616	43	8	710	306	393	515	82
Crude petroleum:										
1960.....	1,605	20	565	327	384	47	23	21	217	-
1965.....	2,304	157	634	424	612	63	31	24	357	-
1970.....	3,477	432	790	506	1,029	122	29	27	529	13
1975.....	4,053	361	696	460	1,449	240	43	30	741	32
1976.....	4,381	423	678	454	1,634	278	65	31	785	33
1977.....	4,569	448	685	464	1,655	325	102	31	826	34
Natural gas:										
1960.....	597	-	460	33	3	7	16	18	62	-
1965.....	893	3	577	70	6	11	26	28	172	-
1970.....	1,312	4	780	115	21	17	98	47	228	2
1975.....	1,568	13	707	149	41	34	213	60	344	7
1976.....	1,633	20	701	150	42	39	224	67	381	9
1977.....	1,671	19	705	154	45	45	215	66	411	11
Hydro and nuclear electricity: <sup>1</sup>										
1960.....	85	1	18	17	-	11	29	1	6	1
1965.....	116	2	25	20	-	16	39	1	10	2
1970.....	154	3	34	30	1	21	47	1	16	3
1975.....	224	5	59	43	1	29	62	3	18	4
1976.....	231	5	59	46	2	31	60	4	20	4
1977.....	250	6	59	50	2	31	72	5	22	4

- Represents zero.

<sup>1</sup> Includes natural gas liquids.<sup>2</sup> Includes geothermal.  
Source: Statistical Office of the United Nations, New York, N.Y., *World Energy Supplies, Statistical Papers, series 5, vol. 22*; periodic, and unpublished data. (Copyright.)

## NO. 1564. ENERGY, PETROLEUM, AND COAL, BY COUNTRY: 1970 TO 1977

[See text, p. 882, for general comments about the data. For additional data qualifications for countries, see source

COUNTRY	ENERGY CONSUMED <sup>1</sup> (coal equiv.)				ELECTRIC ENERGY PRODUCTION <sup>2</sup> (bil. kWh)		CRUDE PETROLEUM PRODUCTION <sup>3</sup> (mil. metric tons)		COAL PRODUCTION <sup>4</sup> (mil. metric tons)	
	Total (mil. metric tons)		Per capita (kilograms)		1970	1977	1970	1977	1970	1977
	1970	1976	1970	1976	1970	1977	1970	1977	1970	1977
World, total.....	6,820.1	8,318.4	1,892	2,069	4,923	7,210	2,277	2,986	2,143	2,476
United States.....	2,260.5	2,485.5	11,077	11,554	<sup>5</sup> 1,640	<sup>5</sup> 2,211	475.3	402.5	550.4	603.8
Algeria.....	6.6	12.6	460	729	2.0	4.7	49.0	53.9	(Z)	(Z)
Argentina.....	39.2	46.4	1,691	1,804	21.7	32.5	20.0	22.2	.6	.5
Australia.....	67.2	90.8	5,375	6,657	<sup>6</sup> 53.9	<sup>6</sup> 82.5	<sup>7</sup> 8.5	<sup>7</sup> 21.0	45.2	71.0
Austria.....	25.3	30.2	3,424	4,013	30.0	37.7	2.8	1.8	-	-
Bahrain.....	1.0	3.2	4,720	11,998	<sup>8</sup> .2	<sup>8</sup> .9	3.8	2.9	(NA)	(NA)
Belgium.....	59.3	59.8	5,923	6,049	30.5	47.1	(NA)	(NA)	11.4	7.1
Brazil.....	44.6	79.8	478	731	<sup>9</sup> 45.5	<sup>9</sup> 99.9	8.0	7.8	2.4	3.9
Bulgaria.....	33.4	41.3	3,937	4,710	19.5	29.7	.3	.1	.4	.3
Canada.....	201.1	230.3	9,393	9,950	<sup>5</sup> 204.7	<sup>5</sup> 316.5	60.4	62.0	11.6	23.0
Chile.....	12.5	10.3	1,287	987	7.6	9.8	1.5	.9	1.4	1.2
China: Mainland.....	391.2	590.1	515	706	(NA)	(NA)	23.9	<sup>9</sup> 100.0	<sup>9</sup> 10360.0	<sup>9</sup> 10490.0
Taiwan.....	15.3	<sup>12</sup> 31.7	1,055	<sup>12</sup> 1,904	14.0	30.5	.1	.3	4.5	3.0
Colombia.....	12.7	16.7	601	685	8.8	15.2	11.3	7.1	2.3	3.8
Cuba.....	9.4	11.6	1,109	1,225	4.9	7.7	.2	.2	(NA)	(NA)
Czechoslovakia.....	93.3	110.3	6,510	7,397	45.2	66.5	.2	.1	28.2	<sup>13</sup> 28.4

See footnotes at end of table.

**NO. 1564. ENERGY, PETROLEUM, AND COAL, BY COUNTRY: 1970 TO 1977—Continued**  
 [Metric ton=1.1023 short tons. See text, p. 882, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	ENERGY CONSUMED <sup>1</sup> (coal equiv.)				ELECTRIC ENERGY PRODUCTION <sup>2</sup> (bil. kWh)		CRUDE PETROLEUM PRODUCTION <sup>3</sup> (mil. metric tons)		COAL PRODUCTION <sup>4</sup> (mil. metric tons)	
	Total (mil. metric tons)		Per capita (kilograms)		1970	1976	1970	1977	1970	1977
	1970	1976	1970	1976	1970	1977	1970	1977	1970	1977
Denmark	28.8	27.0	5,838	5,320	20.0	22.4	—	.5	(NA)	(NA)
Ecuador	1.8	3.3	293	455	.9	2.1	.2	9.3	(NA)	(NA)
Egypt	8.8	18.0	265	473	7.6	13.0	16.4	20.9	(NA)	—
Finland	19.2	14.24.5	4,159	15,177	521.2	531.7	(NA)	(NA)	(NA)	(NA)
France	192.8	231.9	3,794	4,380	147.0	210.8	2.3	1.0	13 37.8	13 23.0
German Dem. Rep.	102.1	114.0	5,984	6,789	67.7	92.0	.1	.1	1.0	.3
Germany, Fed. Rep.	317.8	364.3	5,239	5,922	242.6	335.3	7.5	5.4	15 116.3	15 91.3
Greece	11.2	20.6	1,274	2,250	9.8	19.0	—	—	(NA)	(NA)
Hong Kong	4.0	5.8	1,010	1,313	5.1	9.5	(NA)	(NA)	(NA)	(NA)
Hungary	32.9	37.7	3,185	3,558	14.5	23.4	1.9	2.2	13 4.2	13 2.9
India	96.8	132.9	179	218	16 61.2	18 99.1	6.8	10.2	73.7	100.1
Indonesia	13.3	30.4	112	218	8 2.1	8 4.4	42.6	83.0	.2	.2
Iran	27.1	49.8	945	1,490	7.0	18.0	191.3	282.6	9 17.5	17.9
Iraq	5.8	8.4	617	725	8 1.9	8 5.0	76.5	122.4	(NA)	(NA)
Ireland	14 9.0	14 10.0	14,084	14,170	16 6.1	18 9.3	(NA)	(NA)	.2	.1
Israel	7.4	9.0	2,524	2,541	6.9	11.1	18 5.0	(Z)	(NA)	(NA)
Italy	144.1	184.5	2,689	3,284	117.4	166.5	1.4	1.1	.3	—
Jamaica	2.6	4.0	1,377	1,937	1.5	2.0	(NA)	(NA)	(NA)	(NA)
Japan	332.4	414.9	3,215	3,679	16 350.5	15 532.6	.8	.6	19 39.7	19 18.2
Korea, Dem. Peo. Rep.	28.2	49.9	2,027	3,072	(NA)	(NA)	(NA)	(NA)	9 21.8	9 45.1
Korea, Republic of	25.4	36.6	819	1,020	9.6	28.1	(NA)	(NA)	12.4	17.2
Kuwait	10.0	20.9	13,352	29,198	8 2.2	8 6.0	20 150.6	20 98.7	(NA)	(NA)
Libya	1.1	4.0	577	1,589	8 4	1 1.5	159.8	99.5	(NA)	(NA)
Malaysia	21 4.3	21 6.0	2,468	2,578	21 3.8	21 6.7	.9	8.8	(NA)	(NA)
Mexico	60.7	76.4	1,241	1,227	5 28.7	5 50.6	21.5	49.3	3.0	6.6
Netherlands	66.0	85.7	5,066	6,224	40.9	58.3	1.9	1.4	4.3	—
New Zealand	8.0	11.4	2,835	3,617	8 16 13.7	8 16 21.3	7.1	7.7	2.2	2.1
Nigeria	2.5	6.1	45	94	1.6	3.5	54.2	103.0	.1	.6
Norway	18.7	21.2	4,822	5,263	57.6	72.5	—	13.6	.5	.5
Pakistan	22 12.2	18.1	293	181	5 22 8.7	6 11.1	.5	.4	6 10 1.3	6 10 1.1
Peru	8.6	10.3	633	642	5.5	8.5	3.6	4.5	.2	—
Philippines	10.8	14.4	292	329	8.7	15.8	(NA)	(Z)	.2	.2
Poland	138.9	180.5	4,270	5,253	64.5	109.4	.4	.4	140.1	186.1
Portugal	6.1	10.1	702	1,050	7.5	13.3	(NA)	(NA)	.3	.2
Romania	58.4	86.6	2,883	4,036	35.1	59.9	13.4	14.7	13 6.4	13 7.4
Saudi Arabia	6.3	20 17.6	808	291,901	8.7	8 2.5	20 188.4	20 458.5	(NA)	(NA)
Singapore	1.7	5.2	808	2,262	8 2.2	8 5.1	(NA)	(NA)	(NA)	(NA)
South Africa	23 63.2	23 87.4	22,618	22,955	50.8	80.2	(NA)	(NA)	54.6	85.6
Spain	24 50.2	86.3	241,485	2,309	56.5	93.8	.2	.8	13 10.8	13 12.1
Sweden	49.7	49.7	6,183	6,046	60.6	90.0	(NA)	(Z)	(NA)	(NA)
Switzerland	21.6	21.3	3,475	3,340	5 25 33.2	5 25 45.9	(NA)	(NA)	(NA)	(NA)
Syria	2.9	5.7	457	744	.9	2.0	4.2	10.1	(NA)	(NA)
Thailand	8.8	13.2	256	308	4.5	11.7	9 (Z)	(Z)	(NA)	(NA)
Trinidad and Tobago	4.7	4.7	4,542	4,272	1.2	1.6	7.2	11.8	(NA)	(NA)
Tunisia	1.3	2.6	257	456	.8	1.7	4.2	4.3	(NA)	(NA)
Turkey	16.9	29.8	480	743	8.6	20.6	3.5	2.7	4.6	4.4
U.S.S.R.	141,054.7	141,349.9	14,345	14,259	740.9	1,150.1	7 353.0	7 545.8	432.7	499.8
United Arab Emirates	1.4	3.1	7,446	13,322	26.1	26.7	37.7	96.7	(NA)	(NA)
United Kingdom	300.2	295.3	5,377	5,268	249.0	283.3	.1	37.5	13 147.1	13 122.2
Uruguay	2.6	3.1	913	1,000	2.2	3.0	(NA)	(NA)	(NA)	(NA)
Venezuela	25.6	35.1	2,457	2,838	12.7	23.1	194.3	117.0	(Z)	.1
Vietnam	27 5.5	5.8	292	124	27 1.2	27 2.1	(NA)	(NA)	9 29 3.0	9 29 6.0
Yugoslavia	29.3	43.5	1,438	2,016	26.0	48.5	2.9	4.0	.6	.5
Zaire	1.8	1.6	81	62	3.2	4.1	—	1.1	.1	.1
Zambia	2.1	2.8	494	548	5.9	5 8.7	(NA)	(NA)	.6	.7

<sup>1</sup> Represents zero. <sup>2</sup> NA Not available. <sup>3</sup> Z Less than 50,000 metric tons. <sup>4</sup> Based on apparent consumption of coal, lignite, petroleum products, natural gas, and hydro and nuclear electricity.

<sup>1</sup> Comprises production by utilities generating primarily for public use, and production by industrial establishments generating primarily for own use. Related to production at generating centers, including station use and transmission losses.

<sup>2</sup> Includes shale oil, but excludes natural gasoline. <sup>3</sup> Excludes lignite and brown coal, except as noted.

<sup>4</sup> Net production, i.e., excluding station use. <sup>5</sup> Year ending June 30. <sup>6</sup> Includes gas condensates.

<sup>8</sup> Excludes production by industrial establishments for own use. <sup>9</sup> Data from U.S. Bureau of Mines.

<sup>10</sup> Includes lignite and brown coal. <sup>11</sup> Source: U.S. Bureau of the Census. Data from Republic of China publications.

<sup>12</sup> For 1977. <sup>13</sup> Includes slurries. <sup>14</sup> Includes peat. <sup>15</sup> Includes low grade coal at its hard-coal equivalent. <sup>16</sup> Year beginning April. <sup>17</sup> Year beginning March 21. <sup>18</sup> Includes estimated production in the occupied Sinai Peninsula (1970, 4.9 million metric tons). <sup>19</sup> Includes brown coal. <sup>20</sup> Includes share of production and consumption in the Neutral Zone. <sup>21</sup> West Malaysia only. <sup>22</sup> Includes Bangladesh.

<sup>23</sup> Includes data for Botswana, Lesotho, Namibia, and Swaziland. <sup>24</sup> Includes Canary Islands and Ceuta.

<sup>25</sup> Year ending Sept. 30. <sup>26</sup> Abu Dhabi only. <sup>27</sup> Data for former Republic of South Vietnam only.

<sup>28</sup> For 1975. <sup>29</sup> Data for former Democratic Republic of Vietnam only.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copy-right.)

## NO. 1565. WHEAT AND RICE—PRODUCTION, BY COUNTRY: 1966 TO 1978

(In thousands of metric tons. Rice data cover rough and paddy, except as noted. Data for each country pertain to the calendar year in which all or most of the crop was harvested. See text, p. 882, for general comments concerning quality of the data.)

COUNTRY	WHEAT					RICE				
	1966-70, average	1971-75, average	1976	1977	1978	1966-70, average	1971-75, average	1976	1977	1978
World, total.....	314,826	358,794	419,661	385,736	441,474	288,629	329,180	350,365	370,592	376,448
United States.....	38,992	47,792	58,307	55,420	48,954	4,121	4,579	5,246	4,501	6,251
Afghanistan.....	2,240	2,533	2,936	2,652	2,830	382	405	448	458	1,448
Argentina.....	6,249	6,936	11,000	5,300	8,100	283	302	309	320	310
Australia.....	10,697	10,104	11,667	9,370	18,300	224	331	417	530	490
Austria.....	949	965	1,234	1,072	1,195	(2)	(2)	(2)	(2)	(2)
Bangladesh.....	70	109	218	259	343	16,560	16,783	17,628	19,441	18,898
Belgium.....	763	3,958	3,039	3,795	3,053	(2)	(2)	(2)	(2)	(2)
Brazil.....	1,064	1,934	3,215	2,066	2,677	6,639	7,012	9,560	8,935	7,242
Bulgaria.....	2,920	3,123	3,152	3,028	3,450	54	63	41	68	1,50
Burma.....	55	39	57	76	94	7,715	8,386	9,320	9,455	10,500
Canada.....	16,727	15,092	23,587	19,862	21,146	(2)	(2)	(2)	(2)	(2)
Chile.....	1,258	1,050	866	1,219	893	73	64	98	120	105
China:										
Mainland <sup>1</sup> .....	28,157	36,601	45,001	40,003	44,003	100,769	121,532	129,054	130,472	131,775
Taiwan <sup>4</sup> .....	17	2	1	1	(NA)	2,419	5,2,397	5,2,713	5,2,649	(NA)
Colombia.....	87	58	45	29	38	708	1,231	1,560	1,307	1,715
Cuba.....	(2)	(2)	(2)	(2)	(2)	165	375	451	459	1,460
Czechoslovakia.....	2,869	4,360	4,807	5,214	5,600	(2)	(2)	(2)	(2)	(2)
Denmark.....	445	566	593	606	653	(2)	(2)	(2)	(2)	(2)
Ecuador.....	79	57	65	49	38	171	241	368	328	285
Egypt.....	1,417	1,821	1,962	1,699	1,933	2,343	2,396	2,300	2,275	2,351
Ethiopia.....	762	648	507	592	423	(2)	(2)	(2)	(2)	(2)
Finland.....	456	516	654	295	241	(2)	(2)	(2)	(2)	(2)
France.....	13,590	17,022	16,126	17,349	21,057	98	56	32	23	45
German Dem. Rep. ....	2,006	2,797	2,715	2,914	3,200	(2)	(2)	(2)	(2)	(2)
Germany, Fed. Rep. ....	5,642	7,132	6,702	7,235	8,118	(2)	(2)	(2)	(2)	(2)
Greece.....	1,836	1,934	2,450	1,716	2,660	91	87	69	92	92
Hungary.....	3,008	4,299	5,148	5,319	5,689	42	64	32	35	51
India.....	15,414	24,172	28,846	29,010	31,328	57,140	64,510	63,082	70,094	79,010
Indonesia.....	(2)	(2)	(2)	(2)	(2)	16,277	21,151	23,301	23,356	25,739
Iran.....	4,245	4,644	6,044	5,517	5,700	1,038	1,265	1,566	1,400	1,650
Iraq.....	1,128	1,318	1,312	696	910	268	172	163	199	172
Ireland.....	325	264	200	250	247	(2)	(2)	(2)	(2)	(2)
Israel.....	156	252	206	220	175	(2)	(2)	(2)	(2)	(2)
Italy.....	9,585	9,528	9,516	6,329	8,764	739	950	907	721	950
Japan.....	853	280	222	236	367	17,764	15,689	15,292	17,000	16,000
Kampuchea, Democratic.....	(2)	(2)	(2)	(2)	(2)	2,880	1,569	1,800	1,800	1,750
Korea, Dem. Peo. Rep. ....	1,96	1,202	1,340	1,310	1,350	1,780	1,3,195	1,4,150	1,4,610	1,4,500
Korea, Republic of.....	256	123	82	45	36	5,212	5,915	7,249	8,340	8,058
Lao.....	(2)	(2)	(2)	(2)	(2)	827	865	858	847	796
Madagascar.....	(2)	(2)	(2)	(2)	(2)	1,836	1,855	2,043	2,154	1,981
Malaysia.....	(2)	(2)	(2)	(2)	(2)	1,422	1,942	1,995	1,893	1,590
Mexico.....	2,009	2,264	3,363	2,454	2,643	385	476	463	545	397
Nepal.....	202	275	387	362	401	2,170	2,365	2,386	2,282	1,2,400
Netherlands.....	667	676	710	661	792	(2)	(2)	(2)	(2)	(2)
New Zealand.....	365	297	388	369	357	(2)	(2)	(2)	(2)	(2)
Pakistan.....	5,716	7,222	8,691	9,144	8,289	2,848	3,593	4,106	4,424	4,706
Panama.....	(2)	(2)	(2)	(2)	(2)	150	157	144	186	211
Peru.....	128	124	127	120	90	430	516	570	587	400
Philippines.....	(2)	(2)	(2)	(2)	(2)	4,735	5,386	6,461	6,895	6,907
Poland.....	4,260	5,605	5,745	5,308	6,000	(2)	(2)	(2)	(2)	(2)
Portugal.....	552	624	694	229	252	164	151	97	102	131
Romania.....	4,688	5,399	6,724	6,463	6,235	63	57	37	47	45
South Africa.....	1,125	1,735	2,239	1,860	1,730	(NA)	3	3	1,3	1,3
Spain.....	4,921	4,564	4,436	4,064	4,795	379	368	406	379	411
Sri Lanka.....	(2)	(2)	(2)	(2)	(2)	1,298	1,355	1,253	1,677	1,992
Sweden.....	932	1,352	1,765	1,522	1,306	(2)	(2)	(2)	(2)	(2)
Switzerland.....	383	386	400	324	407	(2)	(2)	(2)	(2)	(2)
Syria.....	767	1,249	1,790	1,217	1,651	(NA)	1	1	(2)	(2)
Thailand.....	(2)	(2)	(2)	(2)	(2)	12,774	13,948	15,068	13,910	17,000
Turkey.....	10,020	12,372	16,578	16,720	16,500	233	248	251	270	280
U.S.S.R.....	90,192	88,935	96,882	92,165	120,800	1,011	1,753	2,001	2,217	2,100
United Kingdom.....	3,690	5,045	4,740	5,274	6,450	(2)	(2)	(2)	(2)	(2)
Uruguay.....	356	354	505	173	150	115	148	213	228	226
Venezuela.....	(NA)	1	1	1	1	227	256	277	508	600
Vietnam.....	(2)	(2)	(2)	(2)	(2)	9,130	10,732	12,076	10,885	9,880
Yugoslavia.....	4,493	5,177	5,979	5,595	5,355	24	33	23	36	30

NA. Not available. <sup>1</sup> FAO estimate. <sup>2</sup> None or negligible. <sup>3</sup> Includes Luxembourg.

<sup>4</sup> Source: U.S. Bureau of the Census. Data from Republic of China publications. <sup>5</sup> Paddy only.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

# Corn, Meat, and Sugar Production

907

## NO. 1566. CORN, MEAT, AND SUGAR—PRODUCTION, BY COUNTRY: 1971 TO 1978

[In thousands of metric tons. Data for each country pertain to the calendar year in which all or most of the crop was harvested. See text, p. 882, for general comments concerning the data.]

COUNTRY	CORN			MEAT <sup>1</sup>			SUGAR <sup>2</sup>		
	1971- 1976, average	1977	1978	1971- 1976, average	1977	1978	1971- 1975, average	1976	1977
World, total	312,489	348,461	362,971	93,407	102,494	104,360	77,610	86,573	91,826
United States	142,642	168,213	179,886	16,936	18,013	17,605	5,409	6,163	5,523
Argentina	8,158	8,300	9,700	2,683	3,269	3,540	1,364	1,559	1,666
Australia	156	144	130	3,268	2,722	2,843	2,810	3,395	3,452
Austria	865	1,159	1,166	460	492	504	396	426	506
Belgium <sup>5</sup>	26	29	32	855	872	921	723	721	757
Brazil	15,610	19,246	13,533	2,900	3,343	3,143	6,323	7,236	8,759
Bulgaria	2,589	2,649	2,300	387	453	446	225	230	240
Canada	3,045	4,196	4,215	1,578	1,687	1,635	122	156	155
Chile	296	355	257	247	253	249	152	240	120
China:									
Mainland	4,29,895	4,30,115	4,33,120	4,13,899	4,16,536	4,17,017	3,480	4,000	3,800
Taiwan <sup>6</sup>	95	95	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Colombia	794	753	862	4,518	4,531	4,547	849	935	853
Cuba	91	95	95	4,200	4,202	4,208	5,675	6,151	6,953
Czechoslovakia	619	792	628	1,053	1,136	4,214	752	620	924
Denmark	(NA)	(NA)	(NA)	962	987	1,031	372	432	472
Dominican Republic	49	35	42	55	59	62	1,177	1,287	1,258
Egypt	2,624	2,725	3,197	273	4,284	4,292	549	576	657
El Salvador	359	380	540	741	47	48	216	261	364
Ethiopia	1,006	999	1,079	337	4,338	4,343	131	136	137
France	8,408	8,505	9,473	3,882	3,414	4,507	2,859	2,721	3,908
German Dem. Rep.	9	2	2	1,395	1,608	4,1,616	561	609	700
Germany, Fed. Rep. of	544	579	620	3,651	3,856	4,3,999	2,435	2,844	(NA)
Ghana	385	309	4350	4,32	4,27	4,29	8	12	25
Greece	532	422	537	306	343	341	187	386	294
Guatemala	717	798	760	77	83	93	299	517	487
Hungary	5,802	6,007	6,700	894	1,002	4,1,031	307	395	476
India	6,078	5,947	5,500	4,620	4,642	4,646	4,238	5,033	5,019
Indonesia	2,839	3,143	2,750	301	4,326	4,328	907	1,380	1,100
Iran	40	55	60	431	438	4,366	603	680	752
Ireland	(NA)	(NA)	(NA)	469	551	556	8,176	(NA)	(NA)
Italy	5,016	6,456	6,040	1,812	2,000	4,2,075	1,196	1,758	(NA)
Japan	17	8	11	1,288	1,526	4,1,590	600	506	566
Kenya	4,2,436	2,553	2,350	4,161	4,164	4,181	149	182	185
Malaysia	18	34	35	62	63	62	19	50	60
Mexico	8,613	10,024	9,616	899	1,028	1,033	2,672	2,710	2,790
Morocco	371	184	390	159	133	135	246	250	260
Netherlands	(NA)	(NA)	(NA)	1,221	1,369	1,444	822	947	(NA)
Nigeria	1,054	4,1,400	4,1,450	314	4,330	4,339	34	30	40
Pakistan	749	821	800	424	559	4,570	677	764	
Peru	635	749	550	190	182	186	8,918	930	900
Philippines	2,361	3,087	3,333	484	518	535	2,338	2,984	2,624
Poland	61	232	400	2,261	2,279	2,601	1,774	1,774	1,810
Portugal	519	491	443	224	249	252	11,13	12	10
Rhodesia	1,306	1,300	1,400	4,163	4,189	4,171	227	220	200
Romania	8,888	10,114	10,179	978	1,165	4,1,108	577	561	590
South Africa	8,333	9,630	9,930	683	708	4,744	1,944	2,113	2,369
Spain	1,892	1,892	1,933	1,106	1,310	1,358	847	1,162	1,262
Sweden	(NA)	(NA)	(NA)	417	455	459	280	301	339
Switzerland	114	111	108	374	413	417	71	83	85
Thailand	2,341	1,677	3,030	4,365	4,352	4,363	1,757	2,361	
Turkey	1,163	1,265	1,300	563	616	4,624	810	1,090	1,158
Uganda	501	515	460	84	493	494	86	20	20
U.S.S.R.	10,202	10,978	9,000	12,258	12,722	13,085	8,880	8,500	8,885
United Kingdom	(NA)	(NA)	(NA)	2,186	2,133	2,005	930	657	978
Uruguay	188	121	172	393	404	405	82	120	
Venezuela	569	799	740	313	372	384	523	510	445
Vietnam	4,301	408	460	4,470	4,511	4,550	(z)	(z)	80
Yugoslavia	8,359	9,870	7,555	850	1,048	4,1,057	448	580	647
Zaire	472	515	487	755	459	460	55	65	65

NA. Not available. Z. Less than 500 metric tons.

<sup>1</sup> Beef and veal (incl. buffalo meat), pork (incl. bacon and ham), and mutton and lamb (incl. goat meat). Refers to meat from animals slaughtered within the national boundaries irrespective of origin of animals, and relates to commercial and farm slaughter. In terms of carcass weight. Excludes lard, tallow, and edible offals, except as noted.

<sup>2</sup> Beet and cane. Data generally in terms of raw sugar. <sup>3</sup> Year ending June 30. <sup>4</sup> FAO estimate. <sup>5</sup> Includes Luxembourg for corn and meat. <sup>6</sup> Source: U.S. Bureau of the Census. Data from Republic of China publications. <sup>7</sup> Excludes data for 1971. <sup>8</sup> Excludes data for 1975. <sup>9</sup> West Malaysia only.

<sup>10</sup> 1971 data for Bangladesh included with Pakistan. <sup>11</sup> Data for 1975 only. <sup>12</sup> Data for 1974 and 1975.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

## NO. 1567. FOREIGN TRADE AND TRANSPORTATION—SHIPPING, RAILWAYS, AVIATION, AND MOTOR VEHICLES, BY COUNTRY

[See text, p. 882, for general comments about the data. Statistical coverage of all these items varies considerably among countries; for details, see source]

COUNTRY	FOREIGN TRADE, <sup>1</sup> 1977		SHIPPING		RAIL TRAFFIC, <sup>4</sup> 1977		Civil aviation, kilo- meters flown, <sup>5</sup> 1977 (mil.)	Motor vehicles in use, <sup>6</sup> 1977 (1,000)	
	Imports (mil. dol.)	Exports (mil. dol.)	Mer- chant ship- ping fleets, <sup>2</sup> 1978 (1,000 gross tons)	Freight, <sup>3</sup> 1977 (mil. metric tons)		Pass- enger- kilo- meters (mil.)	Freight, net-ton kilo- meters (mil.)		
				Loaded	Un- loaded				
World, total	781,154,600	781,124,500	406,002	(NA)	(NA)	(NA)	(NA)	8,090	362,070
United States	156,758	119,042	9,16,188	10 11 250.2	10 11 568.1	12 16,565	12 1,206,366	3,892.0	13 135,155
Algeria	7,126	5,809	1,152	13 46.3	13 9.7	1,506	1,940	24.0	14 441
Angola	16,625	1,227	(NA)	15 10.0	15 4.0	418	5,461	(NA)	16 163
Argentina	4,162	5,650	2,001	17 23.8	17 10.6	12,011	11,567	73.0	18 2,907
Australia	18 12,175	13,002	1,532	19 166.2	19 25.4	(NA)	19 32,028	186.7	6,880
Austria	14,243	9,808	(NA)	(NA)	(NA)	13 6,712	13 10,685	17.7	2,337
Belgium	20 40,142	20 37,457	304	38.7	57.8	7,667	6,468	48.2	3,168
Brazil	13,230	12,055	3,702	17 81.9	13 17 61.7	11,699	60,721	171.3	13 7,314
Bulgaria	18 6,320	6,320	1,082	2.9	19.1	7,343	17,080	10.6	(NA)
Canada	18 39,561	41,452	9,2,954	11 119.8	11 58.9	2,986	212,416	282.3	13 11,333
Chile	2,035	2,190	466	16 17 9.9	17 21 6.2	2,382	2,207	21.5	479
China:									
Mainland	(NA)	(NA)	6,788	(NA)	(NA)	(NA)	22 301,000	(NA)	(NA)
Taiwan	8,465	9,338	24 1,415	7.9	31.6	8,122	2,658	30.0	374
Colombia	1,563	2,302	272	17 1.5	17 3.7	13 511	1,215	45.8	25 558
Cuba	13 4,066	13 3,573	779	13 6.1	13 13.1	13 767	13 1,848	11.1	13 120
Czechoslovakia	18 11,149	10,818	151	(NA)	(NA)	19,172	71,550	28.6	2,118
Denmark	13,239	10,117	5,530	7.1	38.2	20 3,466	26 1,921	38.4	1,656
Dominican Republic	18 848	794	(NA)	2.4	3.4	(NA)	(NA)	(NA)	13 117
Ecuador	13 993	1,218	201	17 9.4	17 3.8	14 65	14 46	14.2	14 129
Egypt	27 4,808	1,726	456	6.4	10.8	18 8,748	13 2,201	23.1	347
Finland	7,603	7,670	2,359	14.1	25.6	2,077	6,399	28.3	1,220
France	70,498	63,560	12,197	34.8	183.9	51,804	66,228	270.0	19,340
German Dem. Rep.	8 18 14,344	8 12,024	1,540	3.5	11.9	22,350	58,228	(NA)	2,807
Germany, Fed. Rep. of	100,672	117,895	9,737	32.4	104.2	36,543	35,712	181.5	21,410
Ghana	13 862	13 811	186	13 2.3	13 3.1	21 431	21 305	3.5	25 122
Greece	6,778	2,724	33,956	14.6	24.1	1,623	28 855	39.2	895
Hong Kong	10,457	9,626	875	6.5	19.1	279	49	(NA)	182
Hungary	6,522	5,832	(NA)	(NA)	(NA)	13,024	23,557	12.4	974
India	6,593	6,222	5,759	13 26 36.2	13 26 20.9	13 26 163,836	13 26 144,030	80.1	1,496
Indonesia	6,230	10,853	1,272	17 95.3	17 13.9	3,809	853	72.3	806
Iran	13,750	24,245	1,195	13 29 191.2	13 29 13.6	13 3,511	13 4,627	44.0	1,137
Iraq	3,898	9,664	1,306	36.0	4.1	26 797	26 2,254	13.9	225
Ireland	5,378	4,396	212	(NA)	(NA)	873	596	20.0	636
Israel	4,663	2,059	421	30 4.7	30 5.0	13 280	535	33.7	420
Italy	47,580	45,063	7,038	36.4	217.6	38,361	17,100	137.9	13 17,607
Ivory Coast	1,752	2,156	157	31 3.1	31 4.7	1,172	551	2.6	13 128
Jamaica	861	856	(NA)	13 31 7.6	13 31 2.6	83	186	13.3	(NA)
Japan	70,660	80,470	39,182	78.6	582.3	311,859	41,317	296.6	31,379
Korea, Rep. of	10,811	10,047	2,975	16.8	51.5	13 14,305	18 9,728	42.3	271
Kuwait	4,484	32 9,798	2,240	13 32 103.4	13 32 1.9	(NA)	(NA)	15.7	381
Lebanon	16 1,224	16 497	278	15 25.8	15 4.4	15 2	15 42	42.6	16 244
Liberia	464	447	80,191	13 20.5	13 1.3	(NA)	(NA)	(NA)	15 22
Libya	13 8,212	10,113	855	92.9	14 9.6	(NA)	(NA)	10.4	14 394
Malaysia	33 34 4,024	33 34 4,565	552	31 33 8.3	31 33 11.5	33 35 1,273	33 35 1,210	29.9	33 658
Mexico	5,489	36 4,066	727	19.6	9.4	5,040	36,232	105.8	3,760
Morocco	3,194	1,300	341	18.4	8.2	835	3,474	24.0	13 493
Netherlands	45,616	43,703	5,180	77.0	248.1	8,013	2,805	99.4	4,206
New Zealand	3,363	3,142	211	37 9.2	37 10.2	38 497	38 3,723	48.1	13 1,402
Nigeria	11,306	11,823	324	13 101.2	13 5.0	15 26 785	15 26 972	17.6	16 232

See footnotes at end of table.

## NO. 1567. FOREIGN TRADE AND TRANSPORTATION—SHIPPING, RAILWAYS, AVIATION, AND MOTOR VEHICLES, BY COUNTRY—Continued

[See text, p. 882, for general comments about the data. Statistical coverage of all these items varies considerably among countries; for details, see source.]

COUNTRY	FOREIGN TRADE, <sup>1</sup> 1977		SHIPPING		RAIL TRAFFIC, <sup>4</sup> 1977		Civil aviation, kilo- meters flown, <sup>5</sup> 1977 (mil.)	Motor vehicles in use, <sup>6</sup> 1977 (1,000)	
	Imports (mil. dol.)	Exports (mil. dol.)	Merchant ship- ping fleets, <sup>2</sup> 1978 (1,000 gross tons)	Freight, <sup>3</sup> 1977 (mil. metric tons)		Passenger- kilo- meters (mil.)	Freight, net-ton kilo- meters (mil.)		
				Loaded	Un- loaded				
Norway	12,877	8,717	26,128	17 29.8	17 21.8	2,004	2,567	53.9	1,269
Pakistan	2,447	1,149	442	19 2.4	19 7.2	38 12,993	13 39 8,677	39.1	14 288
Panama	13 840	13 237	20,749	1.2	3.4	(NA)	(NA)	8.1	14 86
Peru	1,614	1,433	575	17 10.4	17 5.8	38 528	612	23.9	467
Philippines	4,270	3,151	1,265	2.4	7.2	692	49	43.5	13 667
Poland	18 14,674	12,336	3,491	37.8	24.0	44,312	135,406	20.4	2,116
Portugal	4,963	2,023	1,240	4.3	15.7	4,151	885	34.6	13 1,322
Romania	13 18 6,005	13 6,138	1,428	30 40 4.3	40 4.9	28 23,206	70,035	19.4	40 41 45
Saudi Arabia	14,651	32 43,465	1,246	13 32 410.0	13 32 9.3	15 72	15 66	56.1	18 112
Singapore	10,471	8,241	7,489	24.7	40.5	(NA)	(NA)	46.8	197
South Africa	18 5,893	6,158	661	30.3	30 8.0	(NA)	26 42 69,330	57.1	2,985
Spain	17,846	10,230	8,056	23.8	84.2	13 16,686	13 9,842	139.6	7,103
Sri Lanka	695	763	93	1.2	3.6	43 2,792	43 214	6.6	13 143
Sweden	19,566	18,823	6,508	30.8	52.8	5,563	14,782	62.5	13 3,043
Switzerland	17,979	17,682	231	(NA)	(NA)	9,240	6,324	89.3	2,087
Syria	2,657	1,063	(NA)	8.8	7.7	269	426	11.4	13 119
Thailand	4,635	3,484	335	11.8	14.4	13 5,628	13 2,505	31.8	14 533
Trinidad and Tobago	1,809	2,180	(NA)	20.8	14.9	(NA)	(NA)	13.7	150
Tunisia	1,825	921	(NA)	4.4	6.6	28 709	1,331	11.5	14 170
Turkey	5,694	1,753	1,359	6.7	20.5	5,087	6,353	23.1	13 702
U.S.S.R.	18 40,817	45,161	22,262	17 154.0	17 33.1	322,205	3,330,902	(NA)	(NA)
United Kingdom	63,677	57,547	30,897	77.6	158.2	44 29,290	44 22,728	334.6	13 16,460
Uruguay	730	608	174	.5	2.4	389	307	3.6	13 231
Venezuela	13 18 6,028	13 9,299	824	16 17 180.9	14 17 6.7	22 42	22 15	43.6	14 1,325
Yugoslavia	9,634	5,254	2,366	4.7	16.5	10,459	22,225	31.9	2,123
Zaire	609	981	110	13 .5	12 .7	13 467	13 2,203	11.8	13 161
Zambia	18 670	897	(NA)	(NA)	(NA)	(NA)	(NA)	8.6	13 25 172

NA Not available. <sup>1</sup> Covers merchandise, including silver (except current coin); excludes gold and issued paper currency. Imports generally valued c.i.f. (cost, insurance, and freight); exports, f.o.b. (free on board). Generally includes government trade (including foreign aid, war reparations, and military goods), trade of foreign concessionaires, and postal trade. See source for "general trade" or "special trade" distinctions. Roughly half the countries shown fall into each category, thus affecting comparability. <sup>2</sup> As of June 30. Represents gross registered tons (see text, p. 664). Excludes vessels without mechanical means of propulsion; includes sailing vessels with auxiliary power. <sup>3</sup> Represents weight of all goods (including their packing) in external trade loaded to and unloaded from seagoing vessels of all flags at ports of country specified. For most countries, excludes bunkers, ships' stores, ballast, and transshipment (goods transhipped from an importing vessel to an exporting vessel).

<sup>4</sup> Relates to domestic and international traffic on all railway lines within each country shown, excluding railways entirely within an urban unit and plantation, industrial mining, funicular, and cable railways. In general, passenger-kilometers relate to all passengers except military, government, and railway personnel when carried without revenue; ton-kilometers relate to freight not ton-kilometers and include all goods whether carried by fast or ordinary trains except service traffic, mail, baggage, and nonrevenue governmental stores. <sup>5</sup> Covers both domestic and international scheduled services operated by companies registered in each country. Includes supplementary services occasioned by overflow traffic on regularly scheduled trips and preparatory flights for new scheduled services. <sup>6</sup> Represents officially estimated number of vehicles in use. Includes passenger cars and commercial vehicles. For most countries shown, excludes 2- and 3-wheeled cycles and motorcycles, trams, trolley buses, ambulances, hearses, military vehicles, police and special purpose or government security vehicles, trailers, and farm tractors.

<sup>7</sup> Excludes trade among each of the following countries: People's Republic of China, Mongolia, and Dem. People's Rep. of Korea. <sup>8</sup> Includes trade between the Federal Republic of Germany and German Democratic Republic. <sup>9</sup> Includes the Great Lakes. <sup>10</sup> Excludes traffic with U.S. Virgin Islands. <sup>11</sup> Includes Great Lakes and St. Lawrence River international traffic. <sup>12</sup> Class I railways only. <sup>13</sup> For 1976. <sup>14</sup> For 1975. <sup>15</sup> For 1974. <sup>16</sup> For 1973. <sup>17</sup> Excludes transit traffic and packing. <sup>18</sup> Imports f.o.b. <sup>19</sup> Year ending June 30. <sup>20</sup> Includes Luxembourg. <sup>21</sup> For 1972. <sup>22</sup> For 1971. <sup>23</sup> Source: U.S. Bureau of the Census. Data from Republic of China publications. <sup>24</sup> For 1977. <sup>25</sup> Includes vehicles no longer in circulation. <sup>26</sup> Year beginning Apr. 1. <sup>27</sup> Excludes crude petroleum imported without stated value.

<sup>28</sup> Includes military traffic. <sup>29</sup> Year beginning Mar. 21. <sup>30</sup> Excludes petroleum. <sup>31</sup> Includes coastwise traffic. <sup>32</sup> Includes petroleum from neutral zone. <sup>33</sup> West Malaysia only. <sup>34</sup> Includes intertrade between Malaysian States. <sup>35</sup> Includes data for Singapore. <sup>36</sup> Excludes silver. <sup>37</sup> Million manifest tons.

<sup>38</sup> Year ending Mar. 31. <sup>39</sup> Year beginning July 1. <sup>40</sup> For 1970. <sup>41</sup> Commercial vehicles only. <sup>42</sup> Includes Namibia. <sup>43</sup> Year ending Sept. 30. <sup>44</sup> Excludes Northern Ireland.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

## No. 1568. COMMUNICATIONS — TELEPHONES, MAIL, NEWSPAPERS, RADIO, AND TELEVISION, BY COUNTRY

(See text, p. 822, for general comments about the data. For additional data qualifications for countries, see source.)

COUNTRY	Telephones in use, <sup>1</sup> 1977 (1,000)	Telephones per 100 population 1977	Pieces of mail sent, domestic, <sup>2</sup> 1977 (millions)	DAILY NEWSPAPERS, <sup>3</sup> 1975			RECEIVING SETS, <sup>4</sup> 1976	
				Number	Circulation		Radios per 1,000 population <sup>4</sup>	Televi- sion sets per 1,000 population <sup>5</sup>
					Total (1,000)	Copies per 1,000 population		
World, total	423,082	10.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
United States	162,072	74.4	678,88,970	1,812	61,222	287	7 1,882	7 571
Algeria	298	1.6	218	4	285	17	173	30
Argentina	2,342	9.0	9,620	164	10 2,773	(NA)	7 838	7 180
Australia	11,685	11 40.4	12 2,069	70	5,320	394	13 770	13 351
Austria	2,443	32.5	1,618	30	2,405	320	13 291	13 236
Bangladesh	98	1	251	30	14 356	(NA)	(NA)	(NA)
Belgium	3,100	31.5	2,581	30	2,340	239	13 409	13 268
Bolivia	15 49	15 .9	3	14	199	35	74	(NA)
Brazil	4,836	4.1	2,178	15 280	16 4,050	15 39	7 158	96
Bulgaria	946	10.7	(NA)	13	2,023	232	13 314	13 176
Burma	32	1	7 75	7	319	10	13 22	-
Canada	14,488	61.8	16 17 5,638	121	18 4,872	(NA)	1,011	428
Chile	467	4.8	6 68	47	(NA)	(NA)	172	68
China:								
Mainland	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	19 16	15 1
Taiwan <sup>20</sup>	1,690	10.1	690	9 31	(NA)	(NA)	90	55
Colombia	1,396	5.6	21 119	40	22 1,248	(NA)	117	70
Costa Rica	151	7.2	9	6	174	88	74	77
Cuba	321	3.3	7 42	15	23 53	(NA)	222	69
Cyprus	88	13.5	14	12	24 78	(NA)	13 313	13 89
Czechoslovakia	2,363	19.0	15 25 2,216	29	4,436	300	13 263	13 254
Denmark	26 2,718	26 53.4	16 1,268	49	1,723	341	13 365	13 323
Dominican Republic	9 127	9 2.6	7 6	10	197	42	41	33
Ecuador	221	2.9	7	29	331	49	19 279	41
Egypt	21 503	21 1.4	206	21 14	21 773	21 21	138	7 17
El Salvador	72	1.9	21	12	28 234	(NA)	340	33
Ethiopia	79	.3	15 21	8	70	3	7	1
Finland	2,032	42.9	8 676	60	(NA)	(NA)	13 461	13 363
France	17,519	32.9	9 11,382	98	11,341	214	13 380	13 274
German Dem. Rep.	2,860	17.1	968	40	7,946	472	13 367	13 300
Germany, Fed. Rep. of	22,932	37.4	12,368	334	19,298	312	13 329	7 13 311
Ghana	67	.7	16 58	4	500	51	105	3
Greece	2,320	25.0	283	106	(NA)	(NA)	300	127
Guatemala	15 53	15 1.0	9 27	11	29 165	(NA)	42	19
Honduras	9 19	9 .7	21	8	30 99	(NA)	57	17
Hong Kong	9 132	9 25.5	16 157	82	(NA)	(NA)	527	13 191
Hungary	1,104	10.3	8 1,611	27	2,454	233	7 13 241	13 236
Iceland	95	42.9	8 18	5	94	431	13 201	241
India	2,096	.3	16 7,421	835	9,383	16	13 24	13 1
Indonesia	347	.3	189	172	31 2,171	(NA)	13 37	2
Iran	9 782	9 2.3	32 858	20	484	15	63	51
Iraq	9 320	9 2.8	9 33	7	38 192	(NA)	7 113	37
Ireland	519	16.1	8 16 320	7	698	222	13 300	13 207
Israel	34 993	34 27.1	16 316	23	35 1,337	(NA)	189	137
Italy	16,125	28.5	9 3,031	78	6,296	113	13 232	13 220
Jamaica	9 109	9 5.4	9 77	3	23 131	(NA)	270	54
Japan	34 48,646	34 42.4	9 16 12,186	21 108	21 57,820	21 520	530	7 239
Kampuchea, Dem.	7 71	7 11.2	15 1	16	(NA)	(NA)	7 14	4
Kenya	144	1.0	106	3	134	10	37	4
Korea, Republic of	1,976	5.4	720	36	6,010	173	139	13 64
Kuwait	155	13.8	16 5	21 6	21 80	21 86	487	7 183
Lebanon	19 192	19 6.8	36 26	33	37 283	(NA)	540	144
Luxembourg	186	52.3	46	7	38 161	(NA)	575	203
Madagascar	9 32	9 .4	7 22	21 9	21 59	21 9	74	1
Malaysia	375	3.0	8 39 330	31	1,038	87	118	45
Mexico	3,712	5.9	9 1,068	256	(NA)	(NA)	7 301	7 84
Morocco	210	1.2	101	9	380	21	84	13 29
Netherlands	5,846	41.8	3,737	19 95	19 4,100	19 315	13 290	13 274
New Zealand	40 1,674	40 53.3	8 10 17 578	39	(NA)	(NA)	865	13 269
Nigeria	9 121	9 .2	9 59	12	24 613	(NA)	79	2

See footnotes at end of table.

## NO. 1568. COMMUNICATIONS—TELEPHONES, MAIL, NEWSPAPERS, RADIO, AND TELEVISION, BY COUNTRY—Continued

[See text, p. 822, for general comments about the data. For additional data qualifications for countries, see source.]

COUNTRY	Telephones in use, <sup>1</sup> 1977 (1,000)	Telephones per 100 population, 1977	Pieces of mail sent, domestic, <sup>2</sup> 1977 (millions)	DAILY NEWSPAPERS, <sup>3</sup> 1975		RECEIVING SETS, 1976		
				Number	Circulation	Total (1,000)	Copies per 1,000 population	Radios per 1,000 population <sup>4</sup>
Norway	1,563	38.6	<sup>12</sup> 1,008	80	1,657	412	<sup>13</sup> 320	<sup>13</sup> 270
Pakistan	9259	9.3	<sup>9</sup> 502	102	<sup>41</sup> 358	(NA)	<sup>13</sup> 17	5
Panama	9155	9.0	<sup>15</sup> 7	6	131	79	157	108
Paraguay	940	1.4	(NA)	8	<sup>50</sup> 73	(NA)	66	20
Peru	403	2.6	(NA)	35	(NA)	(NA)	129	37
Philippines	567	1.3	<sup>36</sup> 630	15	<sup>42</sup> 686	(NA)	43	18
Poland	2,925	8.4	<sup>8</sup> 9 1,730	44	8,429	248	<sup>13</sup> 239	<sup>13</sup> 198
Portugal	1,175	12.0	462	30	612	70	<sup>13</sup> 161	<sup>13</sup> 76
Puerto Rico	9515	<sup>9</sup> 16.0	(NA)	<sup>21</sup> 5	<sup>21</sup> 405	<sup>21</sup> 132	549	196
Rhodesia	9190	<sup>9</sup> 2.9	112	3	116	18	39	11
Romania	<sup>7</sup> 1,196	<sup>7</sup> 5.6	<sup>7</sup> 686	<sup>21</sup> 20	<sup>21</sup> 2,716	<sup>21</sup> 129	<sup>13</sup> 145	<sup>13</sup> 138
Saudi Arabia	9160	<sup>9</sup> 2.1	52	<sup>21</sup> 11	<sup>21</sup> 96	<sup>21</sup> 11	28	14
Singapore	34395	<sup>34</sup> 17.1	116	<sup>21</sup> 10	(NA)	(NA)	<sup>13</sup> 156	<sup>13</sup> 129
South Africa	2,191	8.3	1,383	24	1,776	70	96	(NA)
Spain	9528	26.1	3,578	115	3,491	98	259	185
Sri Lanka	<sup>7</sup> 72	<sup>7</sup> 5	<sup>16</sup> 580	18	(NA)	(NA)	58	—
Sudan	62	.3	<sup>8</sup> 32	4	(NA)	(NA)	<sup>7</sup> 13 77	<sup>7</sup> 6
Sweden	5,930	71.7	<sup>8</sup> 2,551	135	4,678	572	<sup>13</sup> 390	<sup>13</sup> 363
Switzerland	4,145	65.7	2,929	95	2,573	402	<sup>13</sup> 332	<sup>13</sup> 285
Syria	193	2.5	<sup>15</sup> 23	6	(NA)	(NA)	<sup>19</sup> 224	30
Thailand	367	.8	184	56	(NA)	(NA)	<sup>7</sup> 131	18
Trinidad and Tobago	<sup>9</sup> 70	<sup>9</sup> 6.5	<sup>45</sup> 21	3	<sup>25</sup> 100	(NA)	253	103
Tunisia	144	2.5	70	4	190	33	141	36
Turkey	<sup>9</sup> 1,131	<sup>9</sup> 2.8	608	<sup>19</sup> 437	(NA)	(NA)	<sup>13</sup> 105	44
U.S.S.R.	<sup>44</sup> 19,600	<sup>4</sup> 7.5	5,069	691	100,928	397	<sup>7</sup> 481	<sup>7</sup> 217
United Kingdom	23,182	41.5	<sup>8</sup> 16 17 27 8,840	111	21,700	388	<sup>13</sup> 706	<sup>13</sup> 317
Uruguay	268	9.5	17	30	<sup>56</sup> 637	(NA)	516	114
Venezuela	<sup>9</sup> 742	<sup>9</sup> 6.0	<sup>21</sup> 202	49	<sup>45</sup> 1,067	(NA)	407	116
Vietnam <sup>46</sup>	<sup>10</sup> 47	<sup>15</sup> .3	<sup>15</sup> 27 59	(NA)	(NA)	(NA)	<sup>13</sup> 24	—
Yugoslavia	1,556	7.1	644	26	1,896	89	<sup>13</sup> 210	<sup>13</sup> 161

<sup>—</sup> Represents zero. NA Not available.<sup>1</sup> Comprises public and private telephones installed which can be connected to a central exchange. <sup>2</sup> Items mailed for distribution within national territories. Comprises letters, postcards, printed matter, merchandise samples, small packets, and phonopost packets. Includes mail carried without charge, but excludes ordinary packages, and insured letters and boxes. <sup>3</sup> Publications containing general news and appearing at least 4 times a week; may range in size from a single sheet to 50 or more pages. Circulation data refer to average circulation per issue or number of printed copies per issue and include copies sold outside the country. <sup>4</sup> Data cover estimated number of receivers in use, except as noted, and apply to all types of receivers for radio broadcasts to the public, including receivers connected to a radio "redistribution system" but excluding television sets. <sup>5</sup> Estimated number of sets in use, except as noted. <sup>6</sup> Includes ordinary packages as well as insured letters and boxes. <sup>7</sup> For 1975. <sup>8</sup> Excludes small packets. <sup>9</sup> For 1976.<sup>10</sup> 147 dailies. <sup>11</sup> Year ending June 30. <sup>12</sup> Year beginning July 1. <sup>13</sup> Number of licenses issued.<sup>14</sup> 27 dailies. <sup>15</sup> For 1973. <sup>16</sup> Year beginning April 1. <sup>17</sup> Excludes printed matter. <sup>18</sup> 117 dailies.<sup>19</sup> For 1970. <sup>20</sup> Source: U.S. Bureau of the Census. Data from Republic of China publications. <sup>21</sup> For 1974.<sup>22</sup> 34 dailies. <sup>23</sup> 2 dailies. <sup>24</sup> 10 or more dailies. <sup>25</sup> Domestic and foreign. <sup>26</sup> Includes Faeroe Islands and Greenland. <sup>27</sup> Excludes postcards. <sup>28</sup> 8 dailies. <sup>29</sup> 7 dailies. <sup>30</sup> 4 dailies. <sup>31</sup> 56 dailies.<sup>32</sup> For 1971. <sup>33</sup> 5 dailies. <sup>34</sup> As of March 31 of the following year. <sup>35</sup> 19 dailies. <sup>36</sup> For 1969.<sup>37</sup> 17 dailies. <sup>38</sup> 6 dailies. <sup>39</sup> Data refer to West Malaysia only. <sup>40</sup> Year ending March 31. <sup>41</sup> 18 dailies.<sup>42</sup> 12 dailies. <sup>43</sup> For 1972. <sup>44</sup> Excludes telephone systems of the military forces. <sup>45</sup> 30 dailies.<sup>46</sup> Data are for former Rep. of South Vietnam.Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

No. 1569. MILITARY EXPENDITURES, IN CURRENT AND CONSTANT (1976) DOLLARS:  
1970 TO 1977

[In millions of dollars, except as indicated. See also table 591. Data for expenditures and for GNP were based on local currencies which were deflated to constant 1976 local currency values before conversion to U.S. dollar equivalents. In general the rates used for conversion are the 1976 average par/market exchange rates as supplied by IBRD (International Bank for Reconstruction and Development). Data by country exclude countries with 1977 military expenditures less than 475 million dollars]

COUNTRY	CURRENT DOLLARS					CONSTANT (1976) DOLLARS					Per capita (dollars)	Percent of GNP <sup>1</sup>
	1970	1974	1975	1976	1977	1970	1975	1977	1970	1977		
									1970	1977	1970	1977
<b>World total<sup>2</sup></b>	<b>245.8</b>	<b>334.3</b>	<b>378.1</b>	<b>403.1</b>	<b>433.9</b>	<b>359.3</b>	<b>398.4</b>	<b>411.3</b>	<b>97</b>	<b>97</b>	<b>6.5</b>	<b>5.7</b>
Europe <sup>2</sup>	103.3	155.0	173.8	189.1	204.4	150.9	183.1	193.8	205	249	6.0	6.0
North America <sup>2,3</sup>	80.2	89.0	94.2	94.7	105.1	117.3	99.3	99.6	518	414	7.4	5.1
Latin America <sup>2</sup>	3.1	5.1	6.3	5.5	5.7	4.5	6.6	5.5	16	16	1.9	1.5
Middle East <sup>2</sup>	6.3	14.8	22.5	26.7	26.9	9.2	23.7	25.5	91	207	8.8	13.1
East Asia <sup>2</sup>	27.6	32.7	44.9	47.6	50.4	40.4	47.3	47.8	31	32	5.5	4.3
South Asia <sup>2</sup>	2.0	2.7	3.6	3.8	4.2	2.9	3.8	3.9	4	5	3.0	3.4
Africa <sup>2,4</sup>	2.5	3.8	5.4	5.9	7.1	3.7	4.0	5.8	11	15	2.9	4.0
Oceania <sup>2</sup>	2.0	2.0	2.6	2.9	3.0	2.9	2.8	2.8	158	137	3.2	2.5
United States	77,854	85,906	90,948	91,013	100,928	113,794	95,813	95,666	555	441	7.9	5.4
Argentina	358	499	774	816	761	523	816	722	22	28	1.8	2.0
Australia	1,852	1,811	2,401	2,673	2,747	2,707	2,529	2,603	213	185	3.4	2.6
Austria	243	349	424	461	499	356	446	473	48	63	1.1	1.1
Belgium	1,085	1,576	1,873	2,110	2,285	1,586	1,974	2,166	164	220	2.9	3.2
Brazil	1,232	2,067	2,429	1,699	1,620	1,800	2,558	1,536	19	13	2.3	1.0
Bulgaria	799	1,707	1,999	2,281	2,561	1,167	2,106	2,427	137	276	7.3	11.6
Canada	2,370	3,060	3,293	3,640	4,134	3,464	3,460	3,918	163	168	2.4	2.0
China:												
Mainland	21,414	28,761	32,369	34,100	35,026	31,300	34,100	33,200	37	34	13.5	9.4
Taiwan	772	914	1,108	1,237	1,600	1,128	1,168	1,517	77	90	10.6	8.2
Cuba	227	335	389	(NA)	(NA)	331	410	(NA)	39	(NA)	4.9	(NA)
Czechoslovakia	1,582	3,007	3,607	3,896	4,199	2,312	3,800	3,980	162	265	4.8	6.6
Denmark	537	774	900	940	1,011	784	948	958	159	188	2.4	2.5
Egypt	645	1,114	1,003	1,335	1,217	943	1,056	1,154	29	30	12.8	10.4
Finland	233	349	439	455	484	341	462	459	74	97	1.5	1.7
France	7,683	10,621	12,100	13,323	14,805	11,230	12,747	14,033	221	264	4.2	3.9
German Dem. Rep.	1,860	3,442	4,345	4,917	5,547	2,718	4,577	5,255	159	313	5.0	7.6
Germany, Fed. Rep.	8,742	13,562	14,631	15,458	16,306	12,777	15,413	15,456	211	252	3.3	3.4
Greece	533	721	1,289	1,213	1,188	779	1,358	1,079	89	117	4.7	4.6
Hungary	815	1,391	1,640	1,683	1,972	1,192	1,728	1,869	116	176	5.3	6.7
India	1,511	2,052	2,742	2,867	3,081	2,209	2,889	2,920	4	5	3.0	3.2
Indonesia	538	793	1,221	1,260	1,383	787	1,287	1,311	6	9	3.3	3.4
Iran	1,892	5,830	7,990	8,774	7,591	2,766	8,417	7,195	92	194	7.8	10.5
Iraq	781	1,601	1,650	1,761	1,919	1,142	1,738	1,819	121	152	12.9	10.5
Israel	1,167	2,316	2,923	3,206	2,934	1,706	3,080	2,781	573	770	25.2	28.4
Italy	2,654	4,102	4,170	4,335	4,849	3,880	4,398	4,596	72	81	2.7	2.7
Japan	2,294	4,091	4,724	5,119	5,699	3,384	4,977	5,402	32	47	.8	0.9
Korea, Dem.												
Peo. Rep.	577	1,369	1,800	2,002	2,112	843	1,896	2,002	59	114	13.1	19.6
Korea, Rep. of	361	777	997	1,432	1,723	528	1,050	1,633	16	43	3.9	5.9
Kuwait	225	443	674	508	1,008	329	710	955	439	845	3.1	7.4
Malaysia	151	361	453	440	500	221	477	474	20	36	3.2	4.2
Mexico	223	370	515	500	515	326	542	488	6	8	.7	.7
Netherlands	1,714	2,465	2,817	2,957	3,453	2,505	2,968	3,273	193	235	3.5	3.6
Nigeria	780	887	1,192	1,173	1,422	1,140	1,255	1,348	21	20	5.9	4.2
Norway	562	748	902	977	1,062	822	951	1,007	212	249	3.7	3.1
Oman	101	279	618	785	848	148	651	803	225	983	15.2	42.7
Pakistan	422	598	762	816	882	617	803	836	10	11	5.8	6.1
Peru	225	403	578	670	887	329	609	841	24	51	3.3	6.3
Philippines	91	264	488	553	629	133	515	597	4	13	1.1	3.2
Poland	2,362	4,693	5,738	6,873	7,869	3,452	6,045	7,459	106	215	5.5	7.8
Portugal	565	965	727	624	614	826	766	582	95	60	6.5	8.3
Romania	1,255	2,279	2,788	3,212	3,594	1,834	2,937	3,407	90	157	5.1	6.0
Saudi Arabia	840	2,091	6,002	7,772	7,293	1,228	6,323	6,912	198	910	6.1	15.7
South Africa	420	938	1,284	1,655	1,861	614	1,353	1,764	27	66	2.4	5.5
Spain	1,638	2,407	2,847	2,943	2,981	2,394	3,000	2,826	71	78	3.1	2.7
Sweden	1,605	2,182	2,357	2,430	2,498	2,346	2,483	2,368	292	287	3.6	8.3
Switzerland	840	1,066	1,097	1,216	1,350	1,228	1,156	1,279	196	203	2.1	2.1
Syria	359	533	945	935	1,012	525	996	960	84	122	11.8	14.2
Thailand	224	319	380	478	615	327	400	583	9	13	3.0	3.4
Turkey	777	1,171	1,628	2,278	2,076	1,136	1,715	2,537	32	61	4.2	5.7
U.S.S.R.	73,843	105,686	118,938	129,900	139,788	107,200	125,300	132,500	441	512	14.0	13.3
United Kingdom	6,451	9,597	10,207	11,076	11,378	9,429	10,753	10,785	170	193	4.8	4.8
Venezuela	278	401	550	555	622	406	580	589	38	43	1.9	1.7
Yugoslavia	742	1,325	1,645	1,792	1,928	1,084	1,733	1,827	53	84	4.4	4.7

NA Not available. <sup>1</sup> Military expenditure as percent of gross national product.<sup>2</sup> In billions of dollars, except per capita and percent. World and regional totals include countries not listed.<sup>3</sup> U.S. and Canada only. <sup>4</sup> Egypt assigned to Middle East rather than to Africa.Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

**NO. 1570. ARMED FORCES PERSONNEL—TOTAL AND PER 1,000 PERSONS, BY COUNTRY:  
1970 TO 1977**

[Personnel data as of July. Armed Forces refer to active-duty military personnel, including paramilitary forces where those forces resemble regular units in their organization, equipment, training, or mission. Reserve forces are not included]

COUNTRY	ARMED FORCES PERSONNEL (1,000)						ARMED FORCES PER 1,000 POPULATION					
	1970	1973	1974	1975	1976	1977	1970	1973	1974	1975	1976	1977
	World total	24,900	26,100	27,300	26,500	26,300	26,300	6.73	6.63	6.81	6.49	6.33
Europe	9,600	9,890	9,960	9,920	9,710	9,710	13.00	13.10	13.10	12.90	12.50	12.50
North America	3,170	2,340	2,250	2,210	2,180	2,180	14.00	10.10	9.60	9.32	9.15	9.07
Latin America	1,120	1,210	1,250	1,300	1,330	1,440	3.99	3.99	4.02	4.07	4.05	4.27
Middle East	988	1,280	1,410	1,680	1,750	1,480	9.77	11.70	12.40	14.50	14.60	12.10
East Asia	7,130	8,030	8,990	7,850	7,840	7,850	5.48	5.78	6.34	5.42	5.30	5.20
South Asia	2,080	2,320	2,410	2,400	2,360	2,180	2.87	3.00	3.04	3.04	2.86	2.59
Africa	764	936	965	1,000	1,090	1,340	2.37	2.68	2.69	2.73	2.87	3.43
Oceania	100	84	81	83	84	87	5.41	4.29	4.07	4.10	4.11	4.20
NATO	6,310	5,580	5,490	5,250	5,030	4,980	11.90	10.20	9.97	9.47	9.02	8.87
Warsaw Pact	6,570	5,760	5,820	5,980	5,980	6,100	16.10	16.20	16.30	16.60	16.40	16.60
United States	3,070	2,250	2,170	2,130	2,100	2,100	14.98	10.71	10.24	9.95	9.30	9.68
Argentina	140	160	150	160	155	155	5.88	6.45	5.98	6.27	6.01	5.92
Australia	86	71	68	70	71	70	6.77	5.30	5.00	5.07	5.11	4.96
Austria	55	60	60	50	40	37	7.40	7.97	7.97	6.65	5.33	4.96
Belgium	110	105	100	87	87	86	11.39	10.78	10.24	8.88	8.86	8.71
Brazil	375	420	435	455	450	450	3.87	4.00	4.03	4.10	3.91	3.81
Bulgaria	175	177	174	175	177	177	20.61	20.53	20.05	20.07	20.21	20.09
Canada	95	85	80	77	78	80	4.46	3.85	3.57	3.39	3.39	3.43
China:												
Mainland	2,850	3,250	4,300	4,300	4,300	4,300	3.36	3.59	4.65	4.56	4.47	4.37
Taiwan	522	503	493	504	475	460	33.75	32.45	31.20	31.30	28.79	27.38
Cuba	140	140	120	125	200	16.37	15.49	15.27	12.86	13.20	20.88	
Czechoslovakia	222	223	218	210	210	206	15.52	15.27	14.83	14.19	14.09	13.73
Denmark	45	45	35	35	35	35	9.13	8.96	6.93	6.92	6.86	6.80
Egypt	255	390	410	400	350	7.73	11.08	11.39	10.81	10.58	9.00	
Finland	40	40	40	40	36	40	8.68	8.57	8.53	8.49	7.61	8.42
France	570	560	580	575	585	502	11.22	10.73	11.05	10.91	11.06	9.46
German Dem. Rep.	202	202	215	220	220	222	11.81	11.88	12.72	13.02	13.10	13.21
Germany, Fed. Rep.	510	505	505	495	495	489	8.40	8.16	8.15	8.01	8.05	7.96
Greece	180	180	180	191	200	290	20.48	20.16	20.09	21.10	21.81	31.35
Hungary	146	140	125	118	118	144	14.17	13.46	11.90	11.24	11.13	13.58
India	1,550	1,620	1,620	1,670	1,440	1,270	2.80	2.74	2.68	2.71	2.29	1.98
Indonesia	358	310	270	260	257	260	2.93	2.38	2.03	1.93	1.86	1.84
Iran	245	285	310	385	420	350	8.14	8.66	9.14	11.00	11.67	9.46
Iraq	95	105	110	155	190	140	10.03	10.00	10.09	13.84	16.38	11.67
Israel	105	130	160	190	190	165	35.23	39.63	47.34	55.07	55.82	45.71
Italy	435	520	500	500	432	330	8.10	9.47	9.03	8.96	7.69	5.85
Japan	236	233	237	237	236	236	2.27	2.14	2.15	2.12	2.09	2.07
Korea, Dem.												
People's Rep. of	438	470	470	470	500	520	30.85	30.32	29.38	28.48	29.41	29.55
Korea, Rep. of	645	634	634	630	610	600	19.55	17.91	17.56	17.12	16.27	15.71
Kuwait	10	14	15	25	25	10	13.33	15.66	15.82	24.75	23.36	8.85
Malaysia	58	70	75	76	80	79	5.37	5.98	6.20	6.13	6.30	6.08
Mexico	80	80	85	95	100	100	1.58	1.44	1.48	1.59	1.62	1.57
Netherlands	115	115	105	112	112	110	8.85	8.58	7.78	7.18	8.12	7.89
Nigeria	200	305	300	270	270	300	3.63	5.12	4.90	4.29	4.17	4.50
Norway	35	35	35	35	39	39	9.02	8.84	8.77	8.73	9.68	9.65
Oman	4	8	10	12	18	12	6.09	11.10	13.46	15.67	22.76	14.69
Pakistan	390	466	500	502	604	588	6.38	6.97	7.26	7.06	8.25	7.79
Peru	80	75	90	95	100	125	5.93	5.10	5.96	6.18	6.29	7.62
Philippines	59	63	90	120	140	155	1.57	1.65	2.15	2.80	3.20	3.45
Poland	314	328	366	435	435	430	9.66	9.82	10.86	12.79	12.65	12.39
Portugal	230	260	310	217	60	59	26.38	30.37	34.87	22.96	6.21	6.04
Romania	211	192	218	220	220	220	10.39	9.23	10.38	10.38	10.28	10.14
Saudi Arabia	65	75	80	95	95	60	10.48	11.03	11.43	13.19	12.84	7.89
South Africa	40	40	45	50	59	67	1.78	1.65	1.81	1.96	2.26	2.50
Spain	365	365	375	375	368	309	10.80	10.46	10.65	10.53	10.22	8.49
Sweden	75	75	75	75	66	69	9.33	9.21	9.19	9.16	8.03	8.29
Switzerland	25	25	25	25	25	19	3.99	3.89	3.88	3.90	3.94	2.94
Syria	75	115	130	230	230	225	11.98	16.67	18.23	31.21	30.22	28.63
Thailand	175	233	221	227	228	230	4.72	5.80	5.36	5.37	5.27	5.19
Turkey	540	545	535	453	460	540	15.30	14.30	13.72	11.35	11.27	12.92
U.S.S.R.	4,300	4,500	4,500	4,600	4,600	4,700	17.70	18.00	17.86	18.11	17.90	18.15
United Kingdom	375	370	350	345	344	318	6.76	6.61	6.24	6.16	6.14	5.68
Venezuela	45	50	50	55	55	55	4.21	4.20	4.07	4.33	4.17	4.04
Vietnam <sup>1</sup>	452	630	665	643	637	615	20.50	26.92	27.82	26.46	13.05	12.30
Yugoslavia	257	258	262	270	275	270	12.60	12.29	12.36	12.62	12.73	12.39

<sup>1</sup> 1970-1974 cover Socialist Republic of Vietnam only.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

## NO. 1571. MILITARY SHIPS OF SELECTED COUNTRIES, BY TYPE: 1979

[Includes vessels in reserve and ships under construction. Figures for miscellaneous craft and therefore total craft are based on different criteria from country to country.]

COUNTRY	Total	Air-craft carriers	Sub-marines	Cruisers	Destroyers and frigates	Corvettes, fast attack, and patrol craft	Mine-warfare forces	Ambushous forces	Oilers and supply ships	Mis-cellaneous
United States	1,888	20	156	32	200	15	25	258	6	1,176
Albania	99	-	3	-	-	53	19	-	4	20
Argentina	149	1	5	2	11	50	6	43	3	28
Australia	138	1	6	-	14	27	30	13	1	46
Belgium	69	-	-	-	4	8	39	2	2	14
Brazil	199	1	8	-	12	38	6	66	4	64
Bulgaria	95	-	2	-	2	23	12	23	3	30
Canada <sup>1</sup>	248	-	3	-	20	25	13	5	5	164
Chile	86	-	3	3	11	22	15	14	4	14
China:										
Mainland	2,050	-	87	-	29	956	17	517	44	400
Taiwan	190	-	2	-	33	25	22	56	7	42
Colombia	64	-	6	3	5	23	-	4	1	22
Cuba	136	-	-	-	1	92	2	19	-	22
Denmark	126	-	6	-	10	81	15	-	2	12
Ecuador	37	-	2	-	2	15	-	5	1	12
Egypt	142	-	14	-	10	83	14	7	-	9
Finland	133	-	-	-	2	26	8	13	-	84
France	428	2	31	2	50	32	63	73	12	163
German Dem. Republic	262	-	-	-	2	108	51	38	8	55
Germany, Fed. Rep. of	329	-	24	-	29	45	59	64	18	90
Greece	220	-	11	-	16	47	16	91	8	31
India	122	-	8	1	32	33	13	18	4	13
Indonesia	147	-	5	-	12	47	7	58	6	12
Iran	56	-	1	-	9	21	5	8	5	7
Iraq	70	-	-	-	-	59	5	3	-	3
Israel	91	-	3	-	-	67	-	12	-	9
Italy	273	-	12	4	22	15	48	69	3	100
Japan	197	-	15	-	51	27	40	23	3	38
Korea, Dem. People's Rep. of	578	-	18	-	4	381	-	70	-	105
Korea, Rep. of	116	-	-	-	18	49	9	28	10	2
Libya	56	-	3	-	1	41	-	7	-	4
Malaysia	79	-	-	-	2	36	5	5	-	31
Mexico	111	-	-	-	7	79	-	-	2	18
Netherlands	162	-	8	-	28	11	46	16	2	51
New Zealand	21	-	-	-	4	4	-	6	-	7
Nigeria	55	-	-	-	2	37	-	5	-	11
Norway	113	-	15	-	5	57	13	9	-	14
Pakistan	58	-	12	1	7	21	7	1	-	7
Peru	78	-	12	4	7	22	-	6	8	19
Philippines	240	-	-	-	8	101	2	103	8	18
Poland	235	-	4	-	1	64	44	39	8	75
Portugal	77	-	3	-	17	27	4	20	2	4
Romania	106	-	-	-	-	80	22	-	-	4
Saudi Arabia	143	-	-	-	-	132	4	4	-	3
South Africa	44	-	3	-	3	16	10	2	1	9
Spain	200	2	12	-	34	88	16	48	16	84
Sweden	381	-	14	-	9	80	78	150	2	48
Syria	33	-	-	-	2	23	3	4	-	1
Thailand	145	-	-	-	6	53	14	55	4	13
Turkey	267	-	14	-	14	81	34	81	8	35
U.S.S.R.	2,596	4	456	43	227	519	421	416	56	454
United Kingdom	479	4	34	8	66	21	46	87	30	183
Venezuela	87	-	6	-	14	27	-	18	4	18
Yugoslavia	209	-	7	-	1	86	31	40	14	30

- Represents zero.

<sup>1</sup> Includes Coast Guard.

Source: Franklin Watts, Inc., New York, N.Y., *Jane's Fighting Ships*, annual. Edited by John E. Moore. (Copyright by Macdonald and Jane's Publishers Ltd., London, England.)

## No. 1572. MILITARY SHIPS, BY TYPE GROUPS—SELECTED COUNTRIES: 1970 TO 1979

[Includes vessels in reserve and ships under construction]

YEAR AND ITEM	United States	China, People's Rep. of	France	Germany, Fed. Rep. of	Italy	Japan	U.S.S.R.	United Kingdom
1970: Aircraft carriers.....	33	-	2	-	-	-	-	4
Submarines.....	157	33	20	12	8	10	395	35
Cruisers.....	32	-	2	-	4	-	27	3
Destroyers, frigates.....	329	23	46	21	21	40	206	81
Corvettes, fast attack and patrol craft.....	40	440	28	46	36	30	700	8
Mine warfare forces.....	168	27	94	77	61	37	300	56
Amphibious forces.....	163	70	19	24	26	4	230	71
1977: Aircraft carriers.....	23	-	3	-	-	-	3	2
Submarines.....	150	73	41	24	14	17	432	35
Cruisers.....	34	-	2	-	4	-	40	12
Destroyers, frigates.....	191	25	61	29	32	51	272	71
Corvettes, fast attack and patrol craft.....	14	942	45	46	23	26	574	19
Mine warfare forces.....	33	18	49	58	55	40	406	46
Amphibious forces.....	205	503	38	41	61	6	286	70
1978: Aircraft carriers.....	23	-	3	-	-	-	3	3
Submarines.....	155	80	34	24	12	17	471	34
Cruisers.....	37	-	2	-	4	-	40	12
Destroyers, frigates.....	205	27	54	29	27	51	225	73
Corvettes, fast attack and patrol craft.....	13	946	34	46	18	15	575	23
Mine warfare forces.....	25	23	55	58	59	38	417	41
Amphibious forces.....	260	532	75	56	72	17	537	86
1979: Aircraft carriers.....	20	-	2	-	-	-	4	4
Submarines.....	156	87	31	24	12	15	456	34
Cruisers.....	32	-	2	-	4	-	43	8
Destroyers, frigates.....	200	29	50	29	22	51	227	66
Corvettes, fast attack and patrol craft.....	15	956	32	45	15	27	519	21
Mine warfare forces.....	25	17	63	59	48	40	421	46
Amphibious forces.....	258	517	73	64	69	23	416	87

- Represents zero.

Source: Franklin Watts, Inc., New York, N.Y., *Jane's Fighting Ships*, annual; edited by John E. Moore. (Copyright by Macdonald and Jane's Publishers Ltd., London, England.)

## No. 1573. FOREIGN EXCHANGE RATES: 1965 TO 1978

[In U.S. cents per unit of foreign currency]

COUNTRY	Currency unit	1965	1970	1972	1973	1974	1975	1976	1977	1978
Australia.....	Dollar.....	222.78	111.36	119.23	141.94	143.89	130.77	122.15	110.82	114.82
Austria.....	Schilling.....	3.87	3.87	4.32	5.16	5.36	5.75	5.57	6.05	6.90
Belgium.....	Franc.....	2.01	2.01	2.27	2.58	2.57	2.73	2.59	2.79	3.18
Canada.....	Dollar.....	92.74	95.80	100.94	99.98	102.26	98.30	101.41	94.11	87.73
Denmark.....	Krone.....	14.46	13.33	14.38	16.60	16.44	17.44	16.55	16.66	18.16
France.....	Franc.....	20.40	18.09	19.83	22.54	20.80	23.35	20.94	20.34	22.22
Germany, Fed. Rep.....	Deutsche mark.....	25.04	27.42	31.36	37.76	38.72	40.73	39.74	43.09	49.87
India.....	Rupee.....	20.04	13.23	13.25	12.07	12.46	11.98	11.15	11.41	12.21
Ireland.....	Pound.....	279.59	239.59	250.08	245.10	234.03	222.16	180.48	174.49	191.84
Italy.....	Lira.....	.16	.16	.17	.17	.16	.15	.12	.11	.12
Japan.....	Yen.....	.28	.28	.33	.37	.34	.34	.34	.37	.48
Mexico.....	Peso.....	8.01	8.01	8.00	8.00	8.00	8.00	6.92	4.42	4.39
Netherlands.....	Guilder.....	27.77	27.65	31.15	35.98	37.37	39.63	37.85	40.75	46.28
Norway.....	Krone.....	13.08	13.99	15.18	17.41	18.12	19.18	18.33	18.79	19.08
Portugal.....	Escudo.....	3.48	3.60	3.70	4.11	3.95	3.93	3.32	2.62	2.28
South Africa.....	Rand.....	139.27	139.24	129.43	143.88	146.98	136.47	114.85	114.99	115.01
Spain.....	Peseta.....	1.67	1.43	1.66	1.72	1.73	1.74	1.50	1.33	1.31
Sweden.....	Krona.....	19.39	19.28	21.02	22.97	22.56	24.14	22.96	22.38	22.14
Switzerland.....	Franc.....	28.11	23.20	26.19	31.70	33.69	38.74	40.01	41.71	56.28
United Kingdom.....	Pound.....	279.50	239.59	250.08	245.10	234.03	222.16	180.48	174.49	191.84

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

## NO. 1574. FOREIGN EXCHANGE RATES, BY COUNTRY: 1976 TO 1978

[National currency units per U.S. dollar. As of December 31. Represents mid-point market quotations to extent available. For countries with fixed relationships to a third currency, represents exchange rates of the third currency, times the fixed relationships. For currencies not quoted in exchange markets, represents official rates. For countries with multiple exchange rate systems, represents rate applicable to principal trade transactions]

COUNTRY	Currency unit	EXCHANGE RATE			COUNTRY	Currency unit	EXCHANGE RATE		
		1976	1977	1978			1976	1977	1978
Afghanistan	Afghani	45.0	45.0	45.0	Lesotho	Rand	.870	.870	.870
Algeria	Dinar	4.36	4.04	3.88	Liberia	Dollar	1.00	1.00	1.00
Argentina	Peso	274.5	597.5	1,004	Libya	Dinar	.296	.296	.296
Australia	Dollar	.920	.876	.869	Luxembourg	Franc	36.0	32.9	28.8
Austria	Schilling	16.8	15.1	13.4	Malawi	Kwacha	.907	.868	.809
Barbados	Dollar	2.00	2.01	2.01	Malaysia	Ringgit	2.54	2.37	2.21
Belgium	Franc	36.0	32.9	28.8	Maldives	Rupee	8.63	8.93	(NA)
Benin	CFA Franc	248	235	209	Mali	Franc	497	471	418
Bolivia	Peso	20.0	20.0	20.0	Malta	Pound	.427	.395	.364
Botswana	Pula	.870	.828	.828	Mauritania	Ouguiya	43.6	46.1	46.2
Brazil <sup>1</sup>	Cruzeiro	12.3	16.1	20.9	Mauritius	Rupee	6.64	6.35	5.92
Burma	Kyat	6.73	7.09	6.60	Mexico	Peso	20.0	22.7	22.7
Burundi	Franc	90.0	90.0	90.0	Morocco	Dirham	4.48	4.33	3.89
Cameroon	CFA Franc	248	235	209	Nepal	Rupee	12.5	12.5	12.0
Canada	Dollar	1.01	1.09	1.19	Netherlands	Guilder	2.46	2.28	1.97
Central African Rep.	CFA Franc	248	235	209	New Zealand	NZ Dollar	1.05	.981	.938
Chad	CFA Franc	248	235	209	Nicaragua	Cordoba	7.03	7.03	7.03
Chile	Peso	17.4	28.0	34.0	Niger	CFA Franc	248	235	209
Colombia <sup>1</sup>	Peso	36.5	38.1	41.0	Nigeria	Naite	.631	.651	.648
Congo	CFA Franc	248	235	209	Norway	Krone	5.19	5.14	5.02
Costa Rica	Colon	8.57	8.57	8.57	Pakistan	Rupee	9.93	9.93	9.93
Cyprus	Pound	.412	.382	.354	Panama	Balboa	1.00	1.00	1.00
Denmark	Krone	5.70	5.78	5.09	Paraguay <sup>1</sup>	Guarani	126	126	126
Dominican Rep.	Peso	1.00	1.00	1.00	Peru	Sol	69.4	130.4	196.2
Ecuador	Sucre	25.0	25.0	25.0	Philippines	Peso	7.44	7.38	7.38
Egypt: Official rate	Pound	.391	.391	.391	Portugal	Escudo	31.5	39.9	46.0
El Salvador	Colon	2.50	2.50	2.50	Rwanda	Franc	92.8	92.8	92.8
Ethiopia	Birr	2.07	2.07	2.07	Saudi Arabia	Riyal	3.53	3.51	3.32
Finland	Markka	3.77	4.02	3.93	Senegal	CFA Franc	248	235	209
France	Franc	4.97	4.71	4.18	Sierra Leone	Leone	1.17	1.05	1.05
Gabon	CFA Franc	248	235	209	Singapore	Dollar	2.46	2.34	2.16
Gambia	Dalasi	2.35	2.10	1.97	Somalia	S. Shilling	6.30	6.30	6.30
Germany, Fed. Rep. of	D. Mark	2.36	2.11	1.83	South Africa	Rand	.870	.870	.870
Ghana	New Cedi	1.15	1.15	2.75	Sri Lanka	Peseta	68.3	80.9	70.1
Greece	Drachma	37.0	35.5	36.0	Sudan	Rupee	8.83	15.56	15.51
Guatemala	Quetzal	1.00	1.00	1.00	Swaziland	Pound	.348	.348	.400
Guinea	Syli	21.2	20.3	18.9	Sweden	Lilangeni	.870	.870	.870
Guyana	Dollar	2.55	2.55	2.55	Switzerland <sup>2</sup>	Krona	4.13	4.67	4.30
Haiti	Gourde	5.00	5.00	5.00	Tanzania	Franc	2.46	2.00	1.62
Honduras	Lempira	2.00	2.00	2.00	Syria <sup>1</sup>	Pound	3.95	3.95	3.95
Iceland	Krona	190	213	318	Tunisia	Shilling	8.32	7.96	7.41
India	Rupee	8.88	8.21	8.19	Thailand	Baht	20.4	20.4	20.4
Indonesia	Rupiah	415	415	625	Togo	CFA Franc	248	235	209
Iran	Rial	70.6	70.5	70.5	Trinidad and Tobago	Dollar	2.40	2.40	2.40
Iraq	Dinar	.295	.295	.295	Tunisia	Dinar	.431	.412	.403
Ireland	Pound	.587	.523	.492	Turkey	Lira	16.7	19.4	25.3
Israel	Pound	8.75	15.39	19.02	Uganda	Shilling	8.31	7.95	7.42
Italy	Lira	875	872	830	United Kingdom	Pound	.587	.525	.492
Ivory Coast	CFA Franc	248	235	209	Upper Volta	CFA Franc	248	235	209
Jamaica	Dollar	.909	.909	1.695	Uruguay <sup>1</sup>	New Peso	4.00	5.41	7.05
Japan	Yen	293	240	195	Venezuela <sup>1</sup>	Bolivar	4.29	4.29	4.29
Jordan	Dinar	.331	.315	.293	Yemen, Arab Rep.	Rial	4.56	4.56	4.56
Kenya	Shilling	8.31	7.95	7.40	Yemen, People's Dem. Rep. of	Dinar	.345	.345	.345
Korea, Rep. of	Won	484	484	484	Yugoslavia	Dinar	18.2	18.4	18.6
Kuwait	Dinar	.287	.280	.272	Zaire	Zaire	.861	.831	1.007
Lebanon	Pound	2.93	3.06	3.01	Zambia	Kwacha	.793	.760	.787

NA Not available. <sup>1</sup> Selling rates: The rates at which monetary authorities (or commercial banks) sell foreign exchange for national currency to those making payments abroad.

<sup>2</sup> Buying rates: The rates at which the monetary authorities (or the commercial banks) buy foreign exchange for national currency from recipients of foreign exchange.

Source: International Monetary Fund, *International Financial Statistics*, monthly.

## No. 1575. TOTAL RESERVE ASSETS, 1970 TO 1978, AND BY TYPE OF ASSETS, 1978

[In millions of U.S. dollars. Assets include gold stock, holdings of convertible foreign currencies, special drawing rights, and reserve position in International Monetary Fund]

COUNTRY	1970	1973	1974	1975	1976	1977	1978		
							Total assets	Gold stock	Currency holdings <sup>1</sup>
All countries <sup>2</sup> -----	93,243	183,450	219,799	226,852	257,402	317,847	363,873	46,440	287,535
United States-----	14,487	14,378	16,058	15,883	18,320	19,392	19,533	12,604	4,374
Algeria-----	339	1,143	1,680	1,353	1,987	1,917	2,233	252	1,879
Argentina-----	673	1,318	1,315	452	1,608	3,381	5,161	195	4,586
Australia-----	1,693	5,697	4,269	3,256	3,170	2,384	2,418	356	1,723
Austria-----	1,758	2,874	3,430	4,439	4,410	4,244	6,007	960	4,579
Bahrain-----	71	74	142	296	442	510	500	7	486
Belgium-----	2,847	5,100	5,345	5,797	5,206	5,761	5,908	1,942	2,687
Brazil-----	1,187	6,415	5,272	4,034	6,541	7,256	11,899	73	11,406
Canada-----	4,679	5,768	5,825	5,326	5,843	4,608	4,569	1,009	2,481
Chile-----	389	180	103	109	460	484	1,154	63	1,013
China: Taiwan-----	522	1,124	1,191	1,189	1,607	1,447	1,515	109	1,406
Colombia-----	206	534	449	521	1,158	1,821	2,456	90	2,226
Denmark-----	484	1,324	935	877	915	1,671	3,210	90	2,912
Ecuador-----	83	241	350	286	515	671	688	19	645
Egypt-----	159	363	356	294	339	534	605	113	481
Ethiopia-----	71	177	275	288	306	225	166	13	153
Finland-----	454	609	631	467	496	570	1,266	43	1,082
France-----	4,960	8,529	8,852	12,593	9,728	10,194	13,929	4,651	8,305
Germany, F.R. of-----	13,610	33,171	32,398	31,034	34,801	39,737	53,883	5,409	42,376
Greece-----	310	1,047	936	931	925	1,020	1,171	172	938
Guatemala-----	78	212	202	304	511	690	765	24	710
India-----	1,006	1,142	1,325	1,373	3,704	5,184	6,808	382	6,042
Indonesia-----	160	807	1,492	586	1,499	2,516	2,636	10	2,461
Iran-----	208	1,236	8,383	8,897	8,833	12,266	12,152	175	10,907
Iraq-----	462	1,553	3,273	2,727	4,601	6,996	(NA)	(NA)	(NA)
Ireland-----	697	1,025	1,267	1,532	1,837	2,372	2,689	21	2,528
Israel-----	449	1,815	1,201	1,182	1,373	1,571	2,079	53	2,598
Italy-----	5,352	6,436	6,941	4,774	6,654	11,629	14,826	3,790	10,426
Japan-----	4,840	12,246	13,519	12,815	16,605	23,261	33,500	1,093	28,896
Jordan-----	256	304	347	492	491	678	923	37	860
Korea, Rep. of-----	610	889	282	786	1,975	2,973	2,776	13	2,726
Kuwait-----	203	501	1,399	1,655	1,929	2,990	2,616	115	1,734
Lebanon-----	386	862	1,674	1,579	1,677	1,961	2,255	420	1,832
Libya-----	1,590	2,127	3,616	2,195	3,206	4,891	4,216	112	4,097
Malaysia-----	664	1,345	1,618	1,524	2,472	2,858	3,330	86	3,123
Malta-----	158	325	402	500	622	735	942	16	900
Mexico-----	744	1,355	1,395	1,533	1,253	1,723	1,928	86	1,786
Morocco-----	140	266	417	377	491	532	649	31	602
Netherlands-----	3,241	6,546	6,957	7,109	7,387	8,065	7,585	2,497	3,947
New Zealand-----	258	893	640	428	492	445	454	3	361
Nigeria-----	222	583	5,626	5,609	5,203	4,259	1,917	30	1,323
Norway-----	811	1,575	1,929	2,237	2,229	2,200	2,878	52	2,433
Oman-----	129	107	194	239	309	427	396	8	368
Pakistan-----	190	480	461	406	532	518	486	78	368
Peru-----	336	568	968	467	330	421	566	46	514
Philippines-----	251	1,038	1,504	1,358	1,640	1,524	1,832	69	1,746
Portugal-----	1,504	2,839	2,354	1,534	1,302	1,391	1,881	1,010	871
Saudi Arabia-----	662	3,877	14,285	23,319	27,025	30,034	19,407	207	16,730
Singapore-----	1,012	2,286	2,812	3,007	3,364	3,858	(NA)	(NA)	(NA)
South Africa-----	1,012	1,234	1,159	1,216	940	829	870	447	372
Spain-----	1,817	6,772	6,485	6,090	5,284	6,590	10,774	662	9,801
Sweden-----	761	2,529	1,736	3,077	2,491	3,668	4,398	274	3,729
Switzerland-----	5,132	8,520	9,011	10,428	12,993	13,830	21,561	3,798	17,361
Syria-----	55	413	500	735	361	546	(NA)	(NA)	(NA)
Thailand-----	906	1,306	1,853	1,775	1,893	1,915	2,121	111	1,974
Trinidad and Tobago-----	43	47	390	751	1,014	1,483	1,807	2	1,744
Tunisia-----	60	307	418	385	371	358	450	7	417
Turkey-----	431	2,120	1,861	1,064	1,123	774	1,000	167	833
United Arab Emirates-----	(NA)	92	453	989	1,929	824	838	26	718
United Kingdom-----	2,827	6,476	6,939	5,459	4,230	21,057	17,067	1,041	15,486
Uruguay-----	175	240	232	218	315	459	453	166	251
Venezuela-----	1,021	2,412	6,513	8,861	8,578	8,214	6,517	520	5,013
Yemen Arab Rep.-----	(NA)	127	199	338	720	1,240	1,460	-	1,447
Yugoslavia-----	140	1,338	1,147	871	2,049	2,108	2,462	74	2,288

- Represents zero. NA Not available.

<sup>1</sup> Holdings of convertible foreign currencies.

<sup>2</sup> Includes countries not shown separately.

<sup>3</sup> Data not comparable with prior years.

Source: International Monetary Fund, *International Financial Statistics*, monthly with annual supplements.

**NO. 1576. NET FLOW OF FINANCIAL RESOURCES TO DEVELOPING COUNTRIES, BY ORIGIN AND TYPE OF RESOURCE: 1965 TO 1977**

[In billions of U.S. dollars. Net flow covers loans, grants, and grant-like flows minus amortization on loans. Developing countries cover countries designated by U.N. as developing (see table 1544), Greece, Malta, Portugal, Spain, and Yugoslavia. Official development assistance covers all flows to developing countries and multilateral institutions provided by official agencies, including State and local governments, or by their executive agencies, which are administered with the promotion of economic development and welfare of developing countries as their main objective and whose financial terms are intended to be concessional in character with grant element of at least 25 percent. Other official flows cover export credits and portfolio investment from the official sector]

ORIGIN AND TYPE OF RESOURCE	1965	1970	1972	1973	1974	1975	1976	1977
Development Assistance Committee								
countries <sup>1</sup>	<sup>2</sup> 10.3	15.8	19.5	22.6	22.1	40.4	40.7	49.5
Official development assistance	5.9	6.8	8.5	9.4	11.3	13.6	13.7	14.7
Bilateral grants <sup>3</sup>	3.7	3.3	4.4	4.5	5.3	6.3	6.5	7.2
Bilateral loans	1.8	2.4	2.3	2.6	2.9	3.5	3.0	2.9
Multilateral contributions	.3	1.1	1.9	2.3	3.0	3.8	4.2	4.6
Other official flows	.3	1.1	1.6	2.5	2.2	3.0	3.3	3.3
Private flows	4.1	7.0	8.3	9.4	7.4	22.4	22.4	30.0
Direct investment	2.5	3.7	4.2	4.7	1.1	10.5	7.8	8.8
Private export credits	.8	2.2	1.4	1.2	2.5	4.1	5.4	8.1
Portfolio investment	.9	1.2	2.7	3.5	3.7	7.8	9.2	13.1
Private voluntary agencies	(NA)	.9	1.0	1.4	1.2	1.3	1.4	1.5
Organization of Petroleum Exporting Countries <sup>4</sup>	(NA)	(NA)	.5	1.7	6.0	8.2	8.1	7.8
Official development assistance	(NA)	(NA)	.4	1.3	3.4	5.5	5.6	5.7
Other official flows	(NA)	(NA)	.1	.4	2.5	2.7	2.5	1.9
Centrally-planned economies <sup>5</sup>	(NA)	.9	1.2	1.4	1.2	1.0	.9	.7
Official development assistance	(NA)	.8	1.1	1.3	1.1	.9	.8	.7
Other official flows	(NA)	.1	.1	.1	.1	.1	.1	(Z)
International bank lending <sup>6</sup>	(NA)	.6	3.7	8.5	8.0	9.5	13.7	17.8
Total net flow to developing countries, by DAC Country <sup>1</sup>	<sup>2</sup> 10.3	15.8	19.5	22.6	22.1	40.4	40.7	49.5
United States	5.4	6.3	7.4	6.3	4.3	17.5	12.3	11.9
Australia	.1	.4	.4	.4	.5	.6	.5	.6
Austria	(Z)	.1	.1	.1	.2	.2	.4	.5
Belgium	.2	.3	.4	.5	.6	.9	1.2	.9
Canada	.2	.6	1.0	1.1	1.7	2.0	2.5	2.4
Denmark	(Z)	.1	.1	.2	.2	.3	.5	.5
Finland	(X)	(Z)	(Z)	(Z)	.1	.1	.1	.1
France	1.3	1.8	2.1	2.8	3.4	3.9	5.3	5.2
Germany, Fed. Rep. of	.7	1.5	1.8	1.8	3.2	5.0	5.3	5.8
Italy	.3	.7	.7	.6	.4	1.6	1.5	2.0
Japan	.5	1.8	2.7	5.8	3.0	2.9	4.0	5.5
Netherlands	.2	.4	.7	.6	.9	1.3	1.7	2.1
New Zealand	(X)	(Z)	(Z)	(Z)	.1	.1	.1	.1
Norway	(Z)	.1	.1	.1	.2	.3	.5	.5
Sweden	.1	.2	.3	.4	.6	.8	1.1	1.6
Switzerland	.2	.1	.2	.3	.4	.7	1.3	3.9
United Kingdom	1.0	1.2	1.5	1.5	2.4	2.4	2.4	5.0

NA Not available. X Not applicable. Z Less than \$50 million.

<sup>1</sup> Includes flows to OPEC countries (see footnote 4). Comprises Italy, Japan, Netherlands, New Zealand, Norway, Sweden, Switzerland, United Kingdom, and United States.

<sup>2</sup> Excludes Finland and New Zealand.

<sup>3</sup> Includes "grant-like" flows denominated in recipients' currencies.

<sup>4</sup> Algeria, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela.

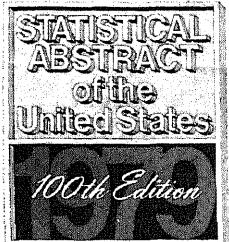
<sup>5</sup> Bulgaria, Czechoslovakia, German Democratic Republic, Hungary, Poland, Romania, and U.S.S.R.

<sup>6</sup> Loans by private banks in a currency other than that of their country of origin. Through 1975, estimate based on published syndicated bank loans.

<sup>7</sup> Estimate of net change in outstanding long term assets of banking sector; partly included under DAC private flow.

Source: Organisation for Economic Co-operation and Development, Paris, France, *OECD Observer*, November 1978, and unpublished data.

# Selected Current Topics



This section represents a new feature of the *Statistical Abstract*. Experimental in nature, it is anticipated the section will present statistical and graphic data on a variety of topics which will change with each edition of the *Abstract*. This year the subjects selected for presentation are "U.S.—Japan Trade" and "Mexico".

Data presented on U.S. trade with Japan include U.S. international transactions, merchandise trade, U.S. exports to and imports from Japan, U.S. merchandise trade balance, and Japanese imports and exports. Major sources of these data are various reports of the U.S. Bureau of the Census, the U.S. Bureau of Economic Analysis, and the Japan Tariff Association.

Figures presented on Mexico provide a statistical profile of that country and include demographic data, data on education, immigration, the labor force, industry, and trade. The major sources of these data are reports of the U.S. Bureau of the Census, the United Nations, the International Monetary Fund, and the U.S. Bureau of Economic Analysis.

## U.S.—JAPAN TRADE

### NO. 1577. U.S. INTERNATIONAL TRANSACTIONS WITH JAPAN: 1960 TO 1979

[In millions of dollars. Minus sign (—) denotes debits]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979, 1st qtr.
Exports of goods and services <sup>1</sup> .....	1,656	2,718	5,915	14,442	12,793	13,572	14,327	18,259	5,654
Merchandise, excl. military <sup>2</sup> .....	1,374	2,053	4,650	10,724	9,567	10,196	10,566	12,960	4,219
Receipts of income on U.S.									
assets abroad.....	49	286	421	1,681	1,250	1,263	1,379	2,398	675
Travel and transportation.....	132	205	473	1,421	1,353	1,447	1,635	1,877	526
Other goods and services.....	101	174	372	616	623	676	747	1,026	234
Imports of goods and services.....	-1,749	-3,159	-7,435	-15,153	-13,981	-18,934	-22,362	-29,725	-7,603
Merchandise, excl. military <sup>2</sup> .....	-1,149	-2,440	-5,894	-12,414	-11,257	-15,531	-18,565	-24,642	-6,269
Travel and transportation.....	-131	-215	-444	-941	-997	-1,424	-1,637	-1,770	-432
Payments of income on foreign									
assets in U.S.....	-40	-131	-365	-1,009	-902	-1,110	-1,240	-2,398	-774
Other goods and services.....	-428	-372	-733	-790	-826	-870	-920	-1,014	-220
Unilateral transfers, net.....	-27	-30	-44	-47	-42	-43	-43	-73	-16
U.S. assets abroad, net (increase/ capital outflow (-)).....	-520	35	-468	-6,481	1,498	-831	541	-5,995	-237
U.S. private assets, net.....	-527	-13	-642	-6,491	1,508	-774	496	-4,330	-52
Foreign assets in the U.S., net (increase/ capital inflow (+)).....	628	288	1,101	2,723	-687	4,106	6,358	13,749	-1,852
Statistical discrepancy.....	12	148	980	4,516	419	2,129	1,180	3,784	4,144
Balance on—									
Merchandise trade.....	225	-387	-1,244	-1,690	-1,690	-5,335	-7,999	-11,582	-2,050
Goods and services.....	93	-441	-1,520	-711	-1,188	-5,362	-8,036	-11,466	-2,039
Current account.....	-120	-471	-1,563	-758	-1,230	-5,405	-8,079	-11,588	-2,055

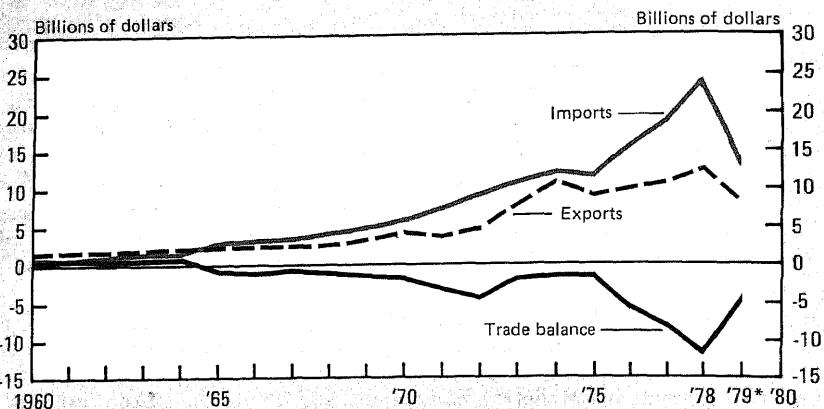
<sup>1</sup> Excludes transfers of goods and services under U.S. military grant programs. <sup>2</sup> Excludes exports of goods under U.S. military agency sales contracts identified in Bureau of the Census export documents, excludes imports of goods under direct defense expenditures identified in census import documents, and reflects various other adjustments (for valuation, coverage, and timing) of census statistics to balance of payments basis.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1979, and earlier issues.

Figure 34.1

**U.S. Merchandise Trade with Japan  
1960 to 1979**

(See table 1578)



\*Jan.-June 1979.

Source: U.S. Bureau of the Census.

**No. 1578. U.S.—JAPAN MERCHANDISE TRADE: 1950 TO 1979**

[In millions of dollars, except percent. Minus sign (—) denotes debits or decrease. Exports on f.a.s. value basis. 1950-1973, imports on customs value basis; thereafter, on f.a.s. value basis.]

YEAR OR PERIOD	U.S. DOMESTIC EXPORTS TO—		U.S. GENERAL IMPORTS FROM—		U.S. TRADE BALANCE WITH—		PERCENT CHANGE IN—	
	All countries	Japan	All countries	Japan	All countries	Japan	U.S. exports to Japan	U.S. imports from Japan
1950.....	10,275	418	8,852	182	1,423	236	<sup>1</sup> -11	<sup>1</sup> +122
1955.....	15,547	683	11,384	432	4,163	251	+63	+137
1960.....	20,375	1,447	14,654	1,149	5,721	298	+112	+166
1961.....	20,754	1,837	14,714	1,055	6,040	782	+27	-8
1962.....	21,431	1,568	16,389	1,358	5,042	210	-15	+29
1963.....	23,062	1,833	17,138	1,498	5,924	335	+17	+10
1964.....	26,156	1,995	18,684	1,768	7,472	227	+9	+18
1965.....	27,127	2,064	21,364	2,414	5,763	-350	+3	+37
1966.....	29,884	2,312	25,542	2,963	4,342	-651	+12	+23
1967.....	31,142	2,665	26,812	2,999	4,330	-234	+15	+1
1968.....	34,199	2,924	33,226	4,054	973	-1,130	+10	+35
1969.....	37,462	3,462	36,043	4,888	1,419	-1,426	+18	+21
1970.....	42,590	4,610	39,952	5,875	2,638	-1,265	+33	+20
1971.....	43,492	4,012	45,563	7,261	-2,071	-3,249	-13	+24
1972.....	48,959	4,911	55,583	9,064	-6,624	-4,153	+22	+25
1973.....	70,246	8,177	69,476	9,676	770	-1,499	+67	+7
1974.....	97,144	10,564	100,251	12,338	-3,107	-1,774	+29	+28
1975.....	106,561	9,421	96,570	11,268	9,991	-1,847	-11	-9
1976.....	113,666	10,027	121,009	15,504	-7,343	-5,477	+6	+38
1977.....	119,042	10,422	147,685	18,550	-28,643	-8,128	+4	+20
1978.....	141,154	12,689	172,025	24,458	-30,871	-11,760	+21	+32
1978, Jan.-June....	69,775	5,588	83,751	11,972	-16,976	-6,404	(X)	(X)
1979, Jan.-June....	84,020	8,173	95,506	12,810	-11,486	-4,637	+47	+7

X Not applicable. <sup>1</sup> Change from 1949.Source: 1950-1964, U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States*; thereafter, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

## No. 1579. U.S. EXPORTS OF DOMESTIC MERCHANDISE TO JAPAN, BY SELECTED COMMODITY GROUPS: 1970 TO 1978

[In millions of dollars. Exports on f.a.s. value basis]

COMMODITY GROUP	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total	4,610	4,013	4,911	8,177	10,564	9,424	10,027	10,422	12,639
Food and live animals <sup>1</sup>	664	532	686	1,817	2,071	1,882	2,194	2,236	2,996
Meat and preparations	14	20	36	126	52	154	213	190	318
Fish and fish preparations	18	26	23	91	51	72	94	215	510
Cereals and cereal preparations <sup>2</sup>	523	376	483	1,328	1,704	1,479	1,559	1,445	1,599
Wheat	158	152	161	406	572	506	522	374	432
Corn	235	143	200	648	790	704	752	816	917
Fruits and vegetables	41	50	81	122	134	153	195	193	307
Animal feeds	47	36	33	105	73	56	84	124	145
Beverages and tobacco	66	27	113	116	189	162	247	296	271
Crude materials, inedible, except fuels <sup>2</sup>	1,305	1,028	1,369	2,472	2,670	2,322	2,588	2,931	3,665
Hides, skins, furskins	54	52	113	150	119	102	191	198	250
Oilseeds, oil nuts, oil kernels	315	322	384	734	738	667	697	965	1,013
Soybeans	305	311	375	716	724	648	675	988	981
Wood, lumber, cork	349	283	457	834	740	742	894	929	1,235
Pulp and waste paper	67	58	68	96	220	167	166	181	170
Raw textile fibers and their waste	91	128	128	205	311	210	269	317	356
Cotton	88	126	116	184	306	206	263	314	355
Ores and metal scrap	365	123	150	371	410	279	218	190	468
Mineral fuels, lubricants, etc. <sup>2</sup>	524	447	442	499	1,447	1,573	1,234	1,110	818
Coal and coke	412	355	351	400	1,321	1,414	1,033	809	575
Petroleum and products	86	64	51	62	88	96	111	116	130
Oils and fats, animal and vegetable	39	34	33	75	102	40	56	60	60
Chemicals and related products <sup>2</sup>	322	324	313	631	766	590	852	977	1,104
Chemicals—organic, inorganic	134	132	105	290	325	225	374	458	502
Medicinal and pharmaceutical products	39	44	58	83	123	123	157	176	207
Synthetic resins and rubber or plastic materials	42	39	38	97	110	60	98	116	150
Manufactured goods by chief materials	243	191	306	598	626	486	581	549	606
Paper, paperboard manufactures	10	13	13	33	72	37	60	69	98
Machinery and transport equipment	1,146	1,130	1,247	1,495	2,117	1,699	1,727	1,672	2,227
Machinery <sup>4</sup>	872	769	807	1,208	1,462	1,226	1,328	1,311	1,558
Power generating machinery	134	134	192	254	296	237	238	203	171
Office machines and parts	202	167	160	236	264	203	252	297	369
Telecommunications apparatus	31	38	45	56	88	71	75	71	96
Other machinery	505	430	410	662	814	715	763	740	922
Transport equipment <sup>5</sup>	274	361	441	287	655	473	400	361	669
Road motor vehicles and parts <sup>5</sup>	34	34	35	74	94	111	119	131	169
Passenger cars, trucks, new	20	21	23	55	71	80	76	88	97
Aircraft and parts	238	322	402	209	558	359	274	221	404
Miscellaneous manufactured articles <sup>2</sup>	240	260	347	408	470	436	492	526	834
Scientific, optical apparatus	76	69	78	113	143	135	157	180	294
Photographic supplies	29	36	39	57	78	79	90	103	175
Items not classified	20	18	22	35	45	40	22	130	174
Special category	41	22	34	30	59	94	33	35	34

<sup>1</sup> Includes data for shipments of nonmonetary gold in the form of ores, concentrates, waste, scrap, and refined bullion.<sup>2</sup> Includes items not shown separately.<sup>3</sup> Includes items of rubber classified as rubber manufactures in 1970-1977.<sup>4</sup> Includes phonographs, sound recorders and reproducers classified as "Miscellaneous manufactured articles" in 1970-1977.<sup>5</sup> Machinery includes and transport equipment excludes tractor parts.<sup>6</sup> Includes electrical measuring and controlling instruments classified as electrical machinery in 1970-1977.Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly, and *U.S. Exports—World Area, by Commodity Groupings*, Report FT 455, annual. Also in Dept. of Commerce, Industry and Trade Administration, *Overseas Business Report*.

No. 1580. U.S. GENERAL IMPORTS OF MERCHANDISE FROM JAPAN, BY SELECTED COMMODITY GROUPS: 1970 TO 1978

[In billions of dollars. Imports on customs value basis 1970-1973; f.a.s. value basis 1974-1978]

COMMODITY GROUPS	1970	1971	1972	1973	1974	1975	1976	1977	1978
Total	5,875	7,259	9,064	9,676	12,338	11,268	15,504	18,550	24,458
Food and live animals	163	167	245	275	311	172	258	239	267
Fish and fish preparations	129	128	203	230	262	132	205	181	199
Beverages and tobacco	2	3	4	5	6	5	6	5	7
Crude materials, inedibles, except fuels	34	43	48	62	86	54	52	63	60
Mineral fuels, lubricants	2	4	11	23	12	4	1	6	25
Oils and fats, animal and vegetable	4	7	3	2	5	8	3	5	5
Chemicals and related products	176	196	250	241	486	387	398	463	563
Chemicals—organic, inorganic	117	181	165	157	347	291	250	279	323
Manufactured goods by chief material <sup>3</sup>	1,895	2,157	2,394	2,447	3,574	3,485	3,827	4,290	4,793
Tires and tubes—rubber or plastics	31	53	75	69	67	58	115	166	201
Textile yarn, fabrics, articles	302	375	354	302	275	263	344	369	448
Nonmetallic mineral manufactures	152	142	197	219	222	188	257	343	435
Iron and steel <sup>3</sup>	893	1,072	1,074	1,072	1,714	1,996	2,056	2,264	2,347
Bars, rods, angles	143	182	185	189	301	363	413	451	434
Plates and sheets	481	590	589	596	839	892	1,063	1,100	1,053
Tubes, pipes, fittings	190	204	205	198	342	584	460	542	688
Metal manufactures	323	334	463	550	807	641	720	849	982
Nails, bolts, etc.	107	102	147	201	407	213	273	321	383
Machinery and transport equipment	2,243	3,214	4,293	4,760	6,099	5,596	8,727	10,625	16,039
Machinery	1,415	1,646	2,073	2,455	2,669	2,558	4,460	5,055	6,662
Power generating	124	157	234	228	258	246	340	461	451
Office machines and parts	145	171	193	326	330	348	540	634	949
Machines for special industries	88	100	132	148	237	255	281	420	648
Telecommunication apparatus <sup>3</sup>	705	822	952	1,042	1,021	1,007	2,207	2,051	3,327
TV sets	255	323	305	276	251	251	586	515	532
Radio receivers	329	327	394	426	370	289	472	342	380
Phonographs, sound recorders and reproducers	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	876
Other machinery	353	396	561	711	823	802	1,092	1,489	2,287
Transport equipment <sup>3</sup>	828	1,568	2,219	2,306	3,430	2,938	4,267	5,570	8,377
Road motor vehicles and parts	790	1,513	2,088	2,145	3,225	2,938	4,162	5,427	8,130
Passenger cars, trucks, parts	527	1,083	1,459	1,633	2,364	2,199	3,708	4,826	7,388
Motorcycles and parts	262	432	629	508	862	639	454	599	742
Miscellaneous manufactured articles <sup>3</sup>	1,278	1,377	1,722	1,761	1,621	1,400	2,090	2,893	2,533
Clothing	277	275	301	249	183	155	214	231	292
Scientific, optical apparatus	87	89	130	162	189	162	214	296	318
Photographic apparatus; equipment, and supplies	83	113	159	198	206	212	317	447	832
Musical instruments, phonograph records, and other recording media	46	59	76	85	92	76	94	142	219
Phonographs, sound recorders and reproducers	335	369	529	570	496	424	697	888	(X)
Sporting goods, toys, baby carriages	130	126	143	138	123	104	156	214	194
Items not classified	78	92	95	100	137	156	143	161	156

X Not applicable.

<sup>1</sup> Includes data for shipments of nonmonetary gold in the form of ores, concentrates, waste, scrap, and refined bullion.

<sup>2</sup> Includes items of rubber classified as rubber manufactures in 1970-1977.

<sup>3</sup> Includes items not shown separately.

<sup>4</sup> Includes phonographs, sound recorders and reproducers classified as "Miscellaneous manufactured articles" in 1970-1977.

<sup>5</sup> Machinery includes and transport equipment excludes tractor parts.

<sup>6</sup> Includes electrical measuring and controlling instruments classified as electrical machinery in 1970-1977.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly, and *U.S. General Imports—World Area, by Commodity Groupings*, Report FT 155, annual. Also in Dept. of Commerce, Industry and Trade Administration, *Overseas Business Report*.

**NO. 1581. U.S. MERCHANDISE TRADE BALANCE WITH JAPAN: 1970 TO 1978**  
 [In millions of dollars. Minus sign (—) denotes debits. Special category shipments are excluded]

COMMODITY GROUP	1970	1971	1972	1973	1974	1975	1976	1977	1978
<b>Merchandise trade balance.</b>	<b>-1,265</b>	<b>-3,249</b>	<b>-4,153</b>	<b>-1,499</b>	<b>-1,774</b>	<b>-1,847</b>	<b>-5,477</b>	<b>-8,128</b>	<b>-11,769</b>
Food and live animals	501	365	441	1,542	1,760	1,810	1,936	1,907	2,729
Beverages and tobacco	64	24	109	111	183	157	241	291	264
Crude materials, inedible, ex. fuels	1,271	985	1,321	2,410	2,584	2,268	2,536	2,868	3,605
Mineral fuels, lubricants, etc.	522	443	431	476	1,435	1,569	1,233	1,104	793
Animal, vegetable oils and fats	35	27	30	73	97	32	53	55	55
Chemicals	146	128	63	390	280	203	454	514	541
Mfg. goods by chief material	-1,652	-1,966	-2,088	-1,849	-2,948	-2,999	-3,246	-3,741	-4,187
Machinery and transport equip.	-1,087	-2,084	-3,046	-3,265	-3,982	-3,897	-7,000	-8,953	-13,812
Misc. manufactured articles	-1,038	-1,117	-1,375	-1,353	-1,151	-964	-1,598	-2,167	-1,699
Items not classified	-58	-74	-73	-65	-92	-116	-121	-131	-92

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly.

**NO. 1582. JAPAN—IMPORTS AND EXPORTS OF MERCHANTISE: 1975 AND 1978**  
 [General imports on c.i.f. basis; general exports on f.o.b. basis]

GENERAL IMPORTS	Total (mil. dol.)		Percent from U.S.		GENERAL EXPORTS	Total (mil. dol.)		Percent to U.S.	
	1975	1978	1975	1978		1975	1978	1975	1978
	Total <sup>1</sup>	57,863	79,343	20.1	18.6	Total <sup>1</sup>	55,753	97,543	20.0
Food stuff <sup>1</sup>	8,815	11,403	28.2	31.3	Textiles	3,719	4,870	11.6	14.6
Meat	659	1,298	23.5	25.5	Chemicals	3,889	5,102	8.9	11.6
Fish and shellfish	1,195	3,016	5.8	17.3	Metals	12,518	16,042	20.0	21.9
Wheat	1,117	828	52.6	58.1	Iron and steel	10,176	11,855	18.1	20.1
Corn	870	903	83.6	93.5	Machinery, equipment <sup>1</sup>	30,004	62,510	22.2	28.7
Textile materials	1,524	2,103	18.4	18.2	Power generating mach.	873	2,375	14.5	15.5
Metal ores and scrap	4,417	4,836	8.3	10.5	Office machinery	776	1,654	34.3	40.2
Raw materials	5,719	8,441	43.6	39.0	TV receivers	783	1,318	32.7	35.1
Wood	2,621	4,195	40.5	32.8	Radio receivers	1,324	2,636	29.4	38.1
Mineral fuels	25,641	31,336	7.4	2.9	Motor vehicles	6,190	15,531	36.8	45.3
Coal	3,454	3,077	48.8	21.0	Motorcycles	1,157	1,887	49.9	43.7
Chemicals	2,057	3,763	37.7	37.4	Vessels	5,998	7,172	.7	3.0
Machinery, equipment <sup>1</sup>	4,286	6,500	51.2	47.0	Scientific, optical equip.	1,368	3,448	30.7	36.4
Office machinery	505	597	45.1	64.3	Tape recorders	633	1,662	40.4	45.2
Power generating mach.	307	387	68.4	66.4					

<sup>1</sup> Includes commodity groups, not shown separately.

**NO. 1583. JAPAN—IMPORTS AND EXPORTS OF MERCHANTISE BY SELECTED COUNTRY: 1970 TO 1979**

[In millions of dollars. Minus sign (—) denotes debits. See headnote, table 1582]

COUNTRY	1970	1973	1974	1975	1976	1977	1978	PERCENT OF TOTAL	
								1979, Jan.- June	1970
<b>Total imports<sup>1</sup></b>	<b>18,881</b>	<b>38,314</b>	<b>62,110</b>	<b>57,863</b>	<b>64,799</b>	<b>70,809</b>	<b>79,343</b>	<b>49,204</b>	<b>100.0</b>
United States	5,500	9,270	12,682	11,608	11,809	12,396	14,790	9,049	29.4
Saudi Arabia	435	1,386	5,238	6,135	7,824	8,506	8,454	5,190	2.3
Australia	1,508	3,495	4,025	4,156	5,361	5,288	5,300	2,899	8.0
Indonesia	637	2,214	4,572	3,430	4,091	4,997	5,246	3,433	3.4
Iran	995	1,922	4,766	4,978	4,448	4,243	4,226	955	5.3
Canada	929	2,015	2,676	2,499	2,715	2,881	3,191	1,979	4.9
Korea, Rep. of	229	1,207	1,598	1,308	1,917	2,114	2,612	1,629	1.2
<b>Total exports<sup>1</sup></b>	<b>19,318</b>	<b>36,930</b>	<b>55,536</b>	<b>55,753</b>	<b>67,226</b>	<b>80,495</b>	<b>97,543</b>	<b>48,185</b>	<b>100.0</b>
United States	5,940	9,449	12,799	11,149	15,690	19,717	24,915	12,302	30.7
Korea, Rep. of	818	1,789	2,656	2,248	2,825	4,080	6,003	3,132	4.2
Germany, F.R.	550	1,271	1,498	1,661	2,243	2,782	3,654	1,949	2.8
Saudi Arabia	78	389	677	1,351	1,889	2,342	3,254	1,683	.4
Hong Kong	700	1,118	1,360	1,378	1,840	2,320	3,089	1,714	3.6
China: Mainland	569	1,039	1,984	2,259	1,663	1,989	3,049	2,053	2.9
Taiwan	700	1,642	2,009	1,822	2,280	2,553	3,585	2,139	3.6
Australia	589	1,192	1,998	1,739	2,309	2,330	2,692	1,235	3.0
Merchandise trade balance	437	-1,384	-6,575	-2,110	2,427	9,686	18,200	-1,019	(X)

X Not applicable. <sup>1</sup> Includes countries not shown separately.

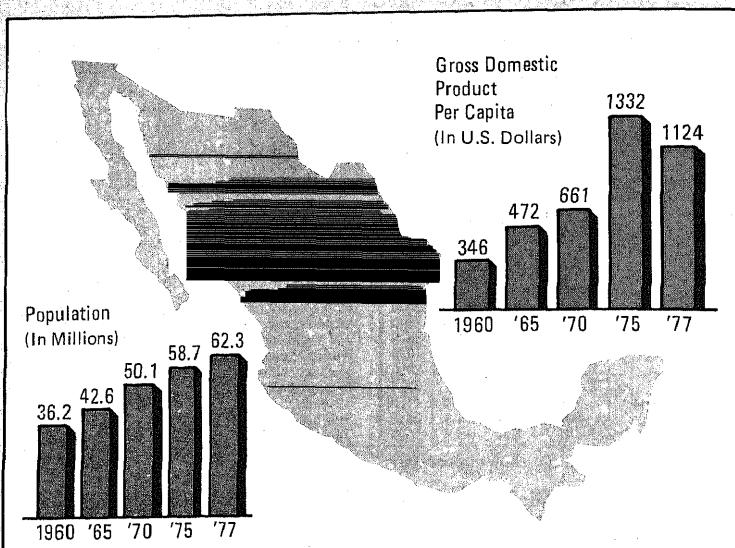
Source of tables 1582 and 1583: Japan Tariff Association, *Trade of Japan*, monthly.

## MEXICO

Figure 34.2

**Mexico—Population and Gross Domestic Product Per Capita: 1960 to 1977**

(See tables 1584 and 1592)



Source: Chart prepared by U.S. Bureau of the Census.

Data from U.S. Bureau of the Census and International Monetary Fund.

**NO. 1584. MEXICO—ESTIMATED POPULATION: 1950 TO 1979**

**[As of midyear.** 1950 to 1970 estimates are based on adjusted 1950, 1960, and 1970 censuses; adjusted annual registered births and deaths; and intercensal growth rates. 1971-1979 data were projected from the 1970 adjusted census by the component method. For further detail, see source]

YEAR	Popula-tion (1,000)	Annual percent change <sup>1</sup>	YEAR	Popula-tion (1,000)	Annual percent change <sup>1</sup>	YEAR	Popula-tion (1,000)	Annual percent change <sup>1</sup>
1950.....	26,715	(x)	1960.....	36,182	3.4	1970.....	50,078	3.2
1951.....	27,440	2.7	1961.....	37,374	3.3	1971.....	51,879	3.2
1952.....	28,179	2.7	1962.....	38,597	3.3	1972.....	53,334	3.2
1953.....	28,962	2.8	1963.....	39,859	3.3	1973.....	55,056	3.2
1954.....	29,834	3.0	1964.....	41,198	3.4	1974.....	56,842	3.2
1955.....	30,781	3.2	1965.....	42,601	3.4	1975.....	58,692	3.3
1956.....	31,781	3.2	1966.....	44,041	3.4	1976.....	60,546	3.2
1957.....	32,838	3.3	1967.....	45,515	3.3	1977.....	62,343	3.0
1958.....	33,886	3.2	1968.....	47,016	3.3	1978.....	64,087	2.8
1959.....	34,994	3.3	1969.....	48,542	3.2	1979.....	65,770	2.6

X Not applicable. <sup>1</sup> For explanation of annual percent change, see Guide to Tabular Presentation.Source: U.S. Bureau of the Census, *Country Demographic Profiles—Mexico*, 1979.

## No. 1585. MEXICO—POPULATION, BY AGE AND SEX: 1970 AND 1979

[1970, as of Jan.; 1979, as of midyear. 1970 data are adjusted census figures. 1979 data are projected from 1970 adjusted census data]

AGE GROUP	NUMBER (1,000)						PERCENT DISTRIBUTION					
	1970			1979			1970			1979		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	49,417	24,706	24,711	65,770	32,933	32,837	100.0	100.0	100.0	100.0	100.0	100.0
Under 5 years old	9,295	4,735	4,560	10,905	5,554	5,351	18.8	19.2	18.5	16.6	16.9	16.3
5-14 years old	14,086	7,169	6,917	18,799	9,570	9,228	28.5	29.0	28.0	28.6	29.1	28.1
15-24 years old	9,153	4,502	4,652	13,423	6,806	6,615	18.5	18.2	18.8	20.4	20.7	20.1
25-34 years old	6,064	2,963	3,102	8,527	4,166	4,371	12.3	12.0	12.6	13.0	12.6	13.3
35-44 years old	4,298	2,130	2,168	5,625	2,728	2,896	8.7	8.6	8.8	8.6	8.3	8.8
45-54 years old	2,815	1,396	1,420	3,908	1,914	1,994	5.7	5.7	5.7	5.9	5.8	6.1
55-64 years old	1,904	835	969	2,400	1,166	1,233	3.9	3.8	3.9	3.6	3.5	3.8
65-74 years old	1,206	589	616	1,438	688	751	2.4	2.4	2.5	2.2	2.1	2.3
75 yrs. old and over	596	288	308	746	350	394	1.2	1.2	1.2	1.1	1.1	1.2

Source: U.S. Bureau of the Census, *Country Demographic Profiles—Mexico*, 1979.

## No. 1586. MEXICO—VITAL STATISTICS: 1950 TO 1979

[Rate of natural increase: Annual increase to the population resulting from a surplus of births over deaths, expressed as a percentage of the mid year population. Growth rate: Annual increase to the population resulting from a surplus of births over deaths and a surplus or deficit, of migrants into or out of the country, expressed as a percentage of the midyear population. Total fertility rate: Average number of children that would be born per woman if all women lived to the end of their child bearing years, and at each year of age, they experienced the birth rates occurring in the specified year. Infant deaths rate: Number of deaths of children under 1 year of age per 1,000 live births in a calendar year. Life expectancy at birth: Number of years to be lived by persons born in a certain year if mortality rates for each age group remain constant in the future]

ITEM	1950	1960	1970	1975	1977-1978		1979
					1977	1978	
Births per 1,000 population	46	46	43	42		37	33-35
Deaths per 1,000 population	17	12	10	9		8	7-8
Rate of natural increase percent	2.9	3.4	3.3	3.3		2.9	2.5-2.7
Growth rate percent	2.8	3.3	3.2	3.2		2.8	2.4-2.6
Total fertility rate	(NA)	6.69	6.54	6.03		5.18	4.5-4.8
Infant death rate	103	78	74	170		(NA)	(NA)
Life expectancy at birth years	47.6	58.0	60.4	62.8		63.5	64.1
Male years	46.2	56.4	58.4	60.7		61.5	61.9
Female years	49.0	59.6	62.3	64.5		65.6	66.1

NA Not available. <sup>1</sup> Represents 1972-1974 data. <sup>2</sup> Represents 1969-1971 data.

Source: U.S. Bureau of the Census, *Country Demographic Profiles—Mexico*, 1979.

## No. 1587. MEXICO—SCHOOL ENROLLMENT: PERCENT ENROLLED, BY AGE AND SEX, 1970, AND NUMBER OF STUDENTS AND TEACHERS, BY LEVEL, 1970 TO 1976

AGE	PERCENT ENROLLED, 1970			LEVEL OF SCHOOL	STUDENTS (1,000)			TEACHERS (1,000)		
	Both sexes	Male	Female		1970	1975	1976	1970	1975	1976
Total, 6-19 yrs. old	55.4	57.9	52.8	Preprimary	423	537	628	12	14	16
6-9 years old	58.8	68.5	59.0	1st level <sup>1</sup>	9,248	11,461	12,148	201	256	275
10-14 years old	69.8	72.2	67.3	2nd level <sup>2</sup>	1,584	2,039	3,241	109	170	193
15-19 years old	33.2	38.3	28.1	3rd level <sup>3</sup>	248	520	539	(NA)	45	41

NA Not available. <sup>1</sup> Provides basic instruction in tools of learning.

<sup>2</sup> Intermediate or secondary schools providing general or specialized instruction more advanced than primary level.

<sup>3</sup> Education which requires, as a minimum condition of admission, the successful completion of education at the second level.

Source: U.S. Bureau of the Census, *Country Demographic Profiles—Mexico*, 1979 and, for students and teachers, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*, copyright.

**NO. 1588. MEXICO—EDUCATIONAL ATTAINMENT, POPULATION 15 YEARS OLD AND OVER: 1970**

[Primary education is defined as the first 6 years of schooling; intermediate education as completing at least 3 years after primary; secondary education as completing at least 2-3 years of schooling after intermediate; and higher education as completing at least one year above the secondary level]

AGE	PERCENT COMPLETING AT LEAST—											
	Primary school (6 yrs)			Intermediate school (9 yrs)			Secondary level (11-12 yrs)			Higher level (13 yrs)		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total, 15 years old and over	29.5	31.3	27.7	8.9	10.8	7.0	5.2	6.4	4.1	2.6	3.8	1.5
15-24 years old	42.0	44.4	39.7	12.7	15.1	10.4	5.9	6.8	5.1	2.4	3.2	1.7
25-34 years old	29.5	31.5	27.5	9.3	11.6	7.1	6.7	8.5	5.0	3.8	5.6	2.0
35 years and over	19.2	20.5	17.8	5.5	6.9	4.2	3.9	5.0	2.8	2.2	3.3	1.2

Source: U.S. Bureau of the Census, *Country Demographic Profiles—Mexico, 1979*.

**NO. 1589. MEXICO—LITERACY OF POPULATION, 15 YEARS OLD AND OVER, BY AGE-GROUP: 1960 AND 1970**

[In percent. Literacy is defined as the ability to read and write]

AGE	1960			1970		
	Both sexes	Male	Female	Both sexes	Male	Female
Total, 15 years old and over	65.1	69.9	60.5	74.2	78.2	70.4
15-24 years old	73.1	75.6	70.8	83.6	85.5	81.9
25-39 years old	67.5	73.0	62.3	75.6	79.9	71.5
40 years old and over	55.7	62.6	49.1	62.7	68.8	56.7

Source: Compiled by U.S. Bureau of the Census. From data reported in Mexico Dirección General de Estadística, *VIII Censo General de Población—1960, 1962*; and *IX Censo General de Población—1970, 1972*.

**NO. 1590. MEXICO—UNITED STATES MIGRATION—SUMMARY: 1960 TO 1977**

[For years ending June 30 except, beginning 1977, ending September 30]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977
<b>Immigrants from Mexico admitted to U.S.<sup>1</sup></b>	<b>32,684</b>	<b>37,969</b>	<b>44,469</b>	<b>70,141</b>	<b>71,586</b>	<b>62,205</b>	<b>57,863</b>	<b>44,079</b>
Under 20 years old	11,299	20,671	24,215	34,970	35,802	27,846	22,975	16,904
20-39 years old	15,923	12,848	14,955	27,977	28,994	27,894	28,895	22,794
40 years old and over	5,462	4,450	5,299	7,194	6,790	6,465	5,993	4,291
<b>Occupation:</b>								
Professional, tech., and kindred workers	583	569	435	649	510	612	595	650
Managers and administrators, except farm	320	244	244	411	308	529	492	543
Sales, clerical, and kindred workers	1,107	566	596	1,105	809	901	970	899
Craftsmen, foremen, and kindred workers	1,529	678	1,725	1,902	1,753	2,738	2,741	2,289
Operatives	880	358	877	1,838	1,844	4,292	5,585	5,265
Laborers, except farm	5,781	2,431	5,295	10,384	10,533	6,061	5,891	4,601
Farmers and farm managers	362	60	216	12	23	117	148	63
Farm laborers and foremen	1,658	882	867	933	1,016	1,969	2,053	1,379
Service workers, exc. pvt. household	502	288	448	3,559	4,854	3,460	2,687	2,118
Private household workers	2,564	2,418	1,535	1,771	1,542	650	532	330
No occupation	17,398	29,480	32,231	47,577	48,364	40,867	36,239	25,942
<b>Nonimmigrants from Mexico admitted<sup>1</sup></b>	<b>1,000</b>	<b>355</b>	<b>1,110</b>	<b>1,506</b>	<b>1,760</b>	<b>1,996</b>	<b>2,170</b>	<b>1,990</b>
Temp. visitors for business or pleasure	1,000	134	326	1,064	1,440	1,680	1,910	2,073
Persons entering U.S. over Mexican border <sup>2</sup> mil.	98.5	116.0	144.4	160.9	169.6	158.4	168.1	156.8
Aliens	59.2	68.5	86.7	98.8	101.7	97.5	105.7	100.4
U.S. citizens	39.3	47.5	57.7	65.1	67.9	60.9	62.4	56.4
Mexican agri. laborers admitted or paroled <sup>2</sup> 1,000	427	104	—	—	—	—	—	—
Deportable Mexican aliens located <sup>2</sup> 1,000	29.7	55.3	277.4	576.8	710.0	680.4	781.5	954.8
Entry without inspection	1,000	14.0	29.7	239.9	542.2	681.1	654.8	757.4
Aliens expelled to Mexico	1,000	8.8	30.7	32.4	33.7	33.8	34.8	33.1
Deported	1,000	3.4	6.5	11.6	10.4	11.7	14.5	19.4
Required to depart	1,000	5.4	24.2	20.9	23.3	22.2	20.3	18.7

<sup>1</sup> Represents zero. <sup>2</sup> Based on country of birth.

<sup>2</sup> Based on country of last permanent residence.

Source: U.S. Immigration and Naturalization Service, *Annual Report*.

## No. 1591. MEXICO—LABOR FORCE, BY SEX, INDUSTRY, AND OCCUPATION: 1977

[Covers economically active population. Estimated]

INDUSTRY	Both sexes	Male	Female	OCCUPATION				Both sexes	Male	Female
				Total	Professional, technical, and related workers	Administrative and managerial	Sales workers			
Total	1,000	18,043	13,897	4,145	Total	1,000	18,043	13,897	4,145	
Percent distribution:					Percent distribution:					
Agriculture, forestry, hunting and fishing	40.3	48.6	12.5		Professional, technical, and related workers	6.2	4.9	10.6		
Mining and quarrying	1.5	1.7	.7		Administrative and managerial	2.6	2.7	2.3		
Manufacturing	18.2	17.3	21.2		Clerical and related	8.1	5.5	16.7		
Electricity, gas, and water	.4	.5	.3		Sales workers	8.1	6.9	12.2		
Construction	4.6	5.7	1.1		Service workers	13.2	8.4	29.3		
Wholesale and retail trade, restaurants and hotels	10.0	8.6	14.7		Agriculture, forestry workers, fishermen, and hunters	39.3	47.3	12.4		
Transportation, storage, and communication	3.0	3.6	.9		Production and related workers, transport equip. operatives, laborers	22.5	24.3	16.5		
Other	22.0	14.1	48.5							

Source: International Labour Office, Geneva, Switzerland, *Yearbook of Labour Statistics*. (Copyright.)

## No. 1592. MEXICO—GROSS DOMESTIC PRODUCT, BY ORIGIN AND TYPE OF EXPENDITURE: 1960 TO 1977

ORIGIN AND TYPE OF EXPENDITURE	1960	1965	1970	1972	1973	1974	1975	1976	1977
Gross domestic product.....bil. peso	151	262	419	512	620	814	1,001	1,221	1,640
Gross domestic product <sup>1</sup> .....bil. dol.	12.47	20.16	33.50	40.98	49.57	65.10	80.09	79.14	72.63
In constant (1975) dollars <sup>1</sup> .....bil. dol.	30.87	43.55	60.85	67.52	72.65	76.94	80.09	66.27	46.65
Gross domestic product per capita <sup>1</sup> .....dol.	346	472	661	755	883	1,120	1,332	1,270	1,124
In constant (1975) dollars <sup>1</sup> .....dol.	856	1,020	1,200	1,244	1,294	1,324	1,332	1,063	722
PERCENT DISTRIBUTION									
Kind of economic activity:									
Agriculture	15.9	14.4	11.3	10.3	11.0	10.4	10.0	(NA)	(NA)
Mining and quarrying <sup>2</sup>	4.9	4.9	4.5	4.0	3.7	4.3	(NA)	(NA)	(NA)
Manufacturing <sup>2</sup>	19.2	20.8	22.6	23.1	22.8	22.9	(NA)	(NA)	(NA)
Electricity, gas, and water	1.0	1.4	1.5	1.4	1.3	1.2	1.1	(NA)	(NA)
Construction	4.1	4.0	5.1	5.3	5.9	6.1	6.4	(NA)	(NA)
Distribution, hotels, and restaurants	33.6	32.7	32.2	31.7	31.9	32.1	31.4	(NA)	(NA)
Transportation and communications	3.3	2.9	2.6	2.8	2.7	2.7	2.9	(NA)	(NA)
Finance, insurance, real estate, and business services	9.2	9.2	9.3	9.4	8.7	(NA)	(NA)	(NA)	(NA)
Other	8.8	9.8	10.9	11.8	12.1	(NA)	(NA)	(NA)	(NA)
Type of expenditure:									
Private consumption	79.5	73.6	71.8	73.2	72.0	66.9	67.9	64.9	66.5
Gross fixed capital formation	14.9	17.6	19.7	19.1	20.5	21.3	22.3	21.9	20.0
Government consumption	5.1	7.0	7.8	8.5	9.1	9.5	11.0	13.0	13.2
Increase in stocks	1.9	2.1	2.7	—	—	4.9	1.9	1.9	.3
Exports	10.6	9.7	8.2	8.9	9.4	9.3	7.6	8.5	10.2
Less: Imports	12.0	10.0	10.2	9.8	10.6	11.9	10.8	10.2	10.3

— Represents zero. NA Not available. <sup>1</sup> Figures in pesos have been converted by the prevailing dollar exchange rates. See table 1594 for exchange rate. <sup>2</sup> Basic petroleum manufacturing is included in mining.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly; and Statistical Office of the United Nations, New York, N.Y., *Yearbook of National Accounts Statistics*, (Copyright.)

## No. 1593. MEXICO—ENERGY PRODUCTION, CONSUMPTION, AND CAPACITY: 1960 TO 1977

ITEM	1960	1965	1970	1973	1974	1975	1976	1977
Energy production.....mil. met. tons <sup>1</sup>	31.0	39.7	55.5	61.2	72.7	83.8	91.4	(NA)
Consumption.....mil. met. tons <sup>1</sup>	27.8	32.8	53.1	65.1	71.0	72.6	76.4	(NA)
Per capita.....kilogrammes <sup>1</sup>	770	705	1,047	1,160	1,269	1,207	1,227	(NA)
Coal production.....1,000 metric tons <sup>1</sup>	1,074	943	2,959	4,263	5,166	5,193	5,650	6,610
Crude petroleum production.....mil. metric tons <sup>1</sup>	14.2	16.5	21.5	23.3	29.6	36.9	41.3	49.3
Reserves.....mil. metric tons <sup>1</sup>	(NA)	(NA)	779	399	433	483	1,127	1,425
Natural gas production.....bil. cu. meters <sup>1</sup>	9.7	14.0	12.6	306	14.5	14.6	14.3	15.2
Reserves.....bil. cu. meters <sup>1</sup>	(NA)	(NA)	340	306	317	338	581	789
Electric energy <sup>2</sup> .....bil. kWh <sup>1</sup>	10.8	17.2	28.7	37.1	40.8	43.3	46.4	50.6
Installed capacity.....mil. kW <sup>1</sup>	3.0	5.2	7.5	9.4	9.6	11.3	12.8	13.8

NA Not available. <sup>1</sup>Coal equivalent. <sup>2</sup> Net production, i.e., excluding station use.

Source: Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

## No. 1594. MEXICO—SUMMARY OF ECONOMIC ACTIVITY: 1960 TO 1977

[In thousands of metric tons, except as indicated]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977
Production indexes:								
Agricultural (1969-1971 = 100).....	(NA)	(NA)	100	108	115	113	113	123
Industrial (1970 = 100).....	47	66	100	124	133	139	142	147
Manufacturing.....	45	186	100	123	131	137	139	145
Mining.....	77	193	100	108	119	112	113	116
Crude petroleum <sup>2</sup> (1975 = 100).....	(NA)	(NA)	(NA)	79	90	100	110	128
Agriculture Production:								
Wheat.....	1,190	1,659	2,676	2,091	2,789	2,798	3,363	2,454
Corn.....	5,386	8,936	8,879	8,355	7,847	8,449	8,017	10,024
Sugar, raw.....	1,530	2,121	2,402	2,810	2,888	2,636	2,710	2,790
Dry beans <sup>3</sup> .....	587	858	1,300	1,009	896	1,027	740	745
Tomatoes <sup>3</sup> .....	372	554	953	1,171	1,227	1,056	807	856
Coffee.....	124	161	185	222	177	228	245	247
Cotton (lint).....	457	529	312	325	484	197	224	357
Cattle.....	29.9	31.5	24.9	27.0	27.6	27.9	28.4	28.9
Pigs.....	mil. head	10.2	13.1	10.3	10.8	10.9	11.5	11.7
Mining production:								
Iron ore (Fe content).....	521	1,593	2,612	3,113	3,338	3,869	3,644	3,587
Copper ore (Cu content) <sup>4</sup> .....	60	69	61	81	83	78	89	90
Lead ore (Pb content).....	191	170	177	167	193	163	165	164
Zinc ore (Zn content) <sup>4</sup> .....	202	225	266	271	263	229	259	266
Manganese ore (Mn content).....	72	59	99	131	145	154	163	175
Gold.....	9,138	6,711	6,166	4,123	4,182	4,501	5,064	6,484
Silver.....	1.4	1.3	1.3	1.2	1.2	1.2	1.3	1.5
Sulfur.....	1,336	1,581	1,881	1,608	2,322	2,164	2,150	1,856
Salt.....	994	2,200	4,063	4,319	5,470	5,354	4,391	4,884
Manufacturing production:								
Wood pulp.....	175	238	319	347	364	366	415	415
Fertilizers, nitrogenous <sup>5</sup> .....	25	141	362	356	376	469	581	604
Fertilizers, phosphate <sup>5</sup> .....	(NA)	(NA)	116	217	255	243	220	251
Cement.....	3,089	4,304	7,267	9,918	10,672	11,200	12,691	13,328
Crude steel.....	1,500	2,394	3,846	4,652	5,046	5,196	5,243	5,529
Cotton yarn (pure).....	(NA)	120	132	163	179	158	(NA)	(NA)
Beer.....	8.5	11.1	14.3	17.3	19.7	19.7	19.4	21.6
Television sets.....	1,000	80	212	431	518	547	569	729
Passenger cars <sup>6</sup> .....	1,000	25	67	137	208	260	262	229
Consumption:								
Steel.....	1,735	2,746	4,168	5,161	6,112	6,211	5,962	6,487
Fertilizer, nitrogenous <sup>5</sup> .....	125	265	392	471	526	654	833	830
Newsprint.....	100	116	159	144	179	215	247	247
Wholesale price indexes (1970 = 100): <sup>7</sup>								
General.....	(NA)	87	100	124	151	167	205	289
Raw materials.....	(NA)	94	100	130	157	171	211	284
Producers' goods.....	(NA)	91	100	123	148	162	198	278
Consumers' goods.....	(NA)	84	100	124	153	170	208	295
Farm products.....	(NA)	81	100	125	154	174	208	295
Building materials.....	(NA)	92	100	111	134	165	198	249
Consumer price indexes (1970 = 100):								
Total.....	(NA)	(NA)	100	124	153	176	204	264
Food.....	(NA)	(NA)	100	126	164	184	208	267
Finance:								
Exchange rate (pesos per U.S. dollar).....	12.5	12.5	12.5	12.5	12.5	12.5	20.0	22.7
Money supply:								
Money <sup>8</sup> .....	bil. pesos	17	30	54	84	101	122	158
Reserve money <sup>9</sup> .....	bil. pesos	10	17	29	75	105	141	131
Discount rate.....	percent per annum	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Index of industrial shares (1975 = 100).....	(NA)	(NA)	(NA)	114	111	100	129	(NA)
International travel:								
Tourist arrivals.....	1,000	600	1,199	2,250	3,239	3,362	3,218	3,106
Tourist receipts.....	mil. U.S. dol.	10 585	782	1,171	1,792	2,057	2,171	2,192

<sup>1</sup> N.A. Not available.<sup>2</sup> 1968 data. <sup>3</sup> Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly.<sup>4</sup> Source: Food and Agriculture Organization of the United Nations, Rome, Italy, *Production Yearbook*. (Copyright.) <sup>5</sup> Content of all copper (or zinc)-bearing materials in the form they are to be used or exported.<sup>6</sup> For year ending in June. <sup>7</sup> Data for Mexico City.<sup>8</sup> Liabilities of monetary system in currency and demand deposits to domestic private sector.<sup>9</sup> Liabilities of monetary authorities in currency and demand deposits to domestic private sector and deposit money banks.<sup>10</sup> 1962 data.Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook and World Statistics in Brief*, annual. (Copyright.)

## No. 1595. MEXICO—TRANSPORTATION AND COMMUNICATIONS SUMMARY: 1960 TO 1977

ITEM	1960	1965	1970	1973	1974	1975	1976	1977
<b>TRANSPORTATION</b>								
Railroads:								
Passenger-kilometers..... mil.	4,128	3,882	4,534	4,057	4,614	4,123	4,058	5,040
Freight, net-ton kilometers..... mil.	14,004	18,332	22,863	26,139	30,858	33,195	34,821	36,232
Locomotives: number	1,158	1,029	1,019	1,201	1,220	1,308	1,293	(NA)
Tractive effort..... 1,000 metric tons	(NA)	1,298	22.9	26.9	27.4	27.7	28.4	(NA)
Freight cars..... 1,000	24.3	25.7	28.0	29.4	32.0	37.3	39.2	(NA)
Capacity..... 1,000 metric tons	(NA)	1,116	1,270	1,188	1,650	2,029	2,169	(NA)
Motor vehicles in use: <sup>2</sup>								
Passenger cars, taxis..... 1,000	476	761	1,234	1,767	2,053	2,401	2,580	2,682
Commercial vehicles..... 1,000	315	389	589	645	729	888	988	1,078
Merchant shipping fleet: 1,000 gross tons <sup>3</sup> :								
Freight loaded <sup>4</sup> ..... mil. metric tons	179	269	381	453	515	575	594	674
Freight unloaded <sup>4</sup> ..... mil. metric tons	4.2	9.2	9.7	11.7	13.3	14.0	14.3	19.6
Civil aviation, kilometers flown..... mil.	44.0	43.2	57.7	78.6	87.8	93.1	101.8	105.8
<b>COMMUNICATIONS</b>								
Domestic mail sent, pieces..... mil.	632	812	902	1,029	1,033	828	1,068	(NA)
Telephones in use..... 1,000	523	823	1,506	2,223	2,546	2,915	3,309	3,712
Per 100 population..... number	1.4	1.9	3.1	4.2	4.5	5.0	5.4	5.9
Newspapers, daily..... number	172	220	200	227	249	255	(NA)	(NA)
Radio receivers in use..... 1,000	3,300	8,237	14,005	16,870	17,514	17,154	(NA)	(NA)
TV receivers in use..... 1,000	650	1,800	2,993	4,339	4,885	4,885	(NA)	(NA)

NA. Not available. <sup>1</sup> Represents horsepower. In thousands. <sup>2</sup> Excludes special purpose vehicles such as motorcycles and ambulances. <sup>3</sup> Gross registered tons. <sup>4</sup> International shipping.

Source: Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook and World Statistics in Brief*, annual. (Copyright.)

## No. 1596. FOREIGN TRADE OF MEXICO BY SELECTED COMMODITY GROUPS AND LEADING TRADING PARTNERS: 1970 TO 1976

[In millions of U.S. dollars. General imports are on a cost, insurance, and freight basis. Exports are on a free on board basis]

COMMODITY GROUP AND TRADING PARTNER	1970	1974	1975	1976	COMMODITY GROUP AND TRADING PARTNER	1970	1974	1975	1976
Total imports.....	2,461	6,057	6,570	6,011	Total exports.....	1,205	2,957	2,861	3,353
Food, beverages, tobacco.....	147	781	807	292	Food, beverages, tobacco.....	474	978	913	1,114
Corn.....	58	199	405	104	Shellfish.....	65	88	146	171
Crude materials, inedible, exc. fuels.....	213	580	446	495	Vegetables, fresh.....	52	138	164	178
Mineral fuels.....	78	426	361	343	Sugar, raw beet and cane.....	90	192	118	(NA)
Petroleum products.....	36	206	209	222	Coffee.....	74	161	193	367
Animal, vegetable oils, fats.....	16	94	35	30	Crude materials, in- edible exc. fuels.....	208	422	398	523
Chemicals.....	302	876	800	778	Cotton.....	83	182	174	283
Organic chemicals.....	114	381	334	327	Mineral fuels.....	38	124	463	554
Basic manufactures.....	288	755	842	756	Crude petroleum.....	(NA)	21	438	542
Iron and steel.....	84	335	401	320	Chemicals.....	98	282	222	252
Machinery, transport equip.....	1,235	2,245	2,982	3,010	Basic manufactures.....	197	707	441	495
Machinery, nonelectrical.....	590	1,129	1,447	1,513	Textile yarn and thread.....	16	119	44	61
Power mach'y, nonelec.....	82	145	181	193	Silver, platinum.....	29	112	(z)	(z)
Electrical machinery.....	281	326	414	552	Lead.....	28	63	46	32
Elec. power machinery, switchgear.....	79	98	155	272	Zinc.....	11	85	67	83
Telecommunications equipment.....	75	94	94	110	Machinery and transport equip.....	128	285	279	249
Transport equipment.....	363	789	1,121	945	Road motor vehicles.....	17	115	68	35
Road motor vehicles.....	249	531	826	791	Miscellaneous mfgd. goods.....	59	152	141	161
Miscellaneous mfgd. goods.....	180	293	293	305	Leading trading partners:				
Instruments, watches, clocks.....	75	138	141	144	United States.....	847	1,738	1,770	2,103
Leading trading partners:					Brazil.....	15	84	91	171
United States.....	1,567	3,779	3,798	3,427	Germany, Fed. Rep. of.....	28	110	87	89
Germany, Fed. Rep. of.....	185	476	477	416	Venezuela.....	22	41	57	61
Japan.....	86	224	292	295	Japan.....	69	176	131	176
Canada.....	49	146	143	133	Israel.....	(NA)	4	44	73
France.....	105	132	159	179					
United Kingdom.....	72	136	190	176					

NA. Not available. Z Less than \$500,000.

Source: Statistical Office of the United Nations, New York, N.Y., *Yearbook of International Trade Statistics*. (Copyright.)

## NO. 1597. MEXICO—BALANCE OF PAYMENTS AND INTERNATIONAL RESERVES: 1965 TO 1977

(In millions of U.S. dollars. Minus sign (—) denotes debits. F.o.b. means free on board)

ITEM	1965	1970	1971	1972	1973	1974	1975	1976	1977
Balance on current account	-403	-1,068	-836	-917	-1,415	-2,875	-5,043	-3,408	-1,779
Balance of goods (f.o.b.)	-352	-807	-647	-729	-1,237	-2,348	-2,818	-1,761	-442
Exports of merchandise	1,146	1,429	1,611	1,882	2,419	3,443	3,461	4,010	4,803
Imports of merchandise	-1,498	-2,236	-2,158	-2,610	-3,656	-5,791	-6,278	-5,771	-5,245
Exports of other goods, services, and income		1,506	1,660	1,935	2,421	2,925	2,898	3,193	3,077
Imports of other goods, services and income	1 -46	-1,822	-1,906	-2,187	-2,673	-3,574	-4,263	-4,996	-4,581
Net private transfers	-5	48	50	54	66	100	114	129	151
Net government transfers	-	7	7	10	8	22	26	27	16
Long-term capital flow	2 124	626	766	828	1,819	3,046	4,667	4,994	4,527
Total international reserve assets	538	744	952	1,164	1,355	1,395	1,533	1,253	1,723
Gold stock	158	176	200	188	195	157	150	65	74
Special drawing rights	(X)	48	96	139	154	158	101	1	57
Convertible foreign currencies	325	385	550	731	888	960	1,168	1,187	1,592
Reserve position in IMF	54	135	106	106	118	120	114	-	-

- Represents zero. X Not applicable. <sup>1</sup> Represents net imports. <sup>2</sup> Includes short term capital.Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly.

## NO. 1598. U.S. INTERNATIONAL TRANSACTIONS WITH MEXICO: 1976 TO 1978

(In millions of dollars. Minus sign (—) denotes debits. Balances have some shortcomings due to statistical discrepancies including errors and omissions)

TYPE OF TRANSACTION	1976	1977	1978	TYPE OF TRANSACTION	1976	1977	1978
Exports of goods and services	7,315	7,426	9,907	U.S. assets abroad, net (increase/capital outflow (-))	-1,225	-229	-1,462
Merchandise, excl. military	5,011	4,834	6,689	U.S. official reserve assets, net	-300	300	-
Travel and transportation	1,418	1,385	1,553	Other U.S. Govt. assets, net	-32	-75	-15
Income on U.S. investments in Mexico	580	872	1,297	U.S. private assets, net	-893	-454	-1,447
Other	306	335	368	Foreign assets in U.S., net (increase/capital inflow (+))	866	25	604
Imports of goods and services	-5,901	-7,290	-9,017	Balance on merchandise trade	1,412	140	596
Merchandise, excl. military	-3,599	-4,694	-6,093	Balance on goods and services	1,414	136	890
Travel and transportation	-1,811	-2,010	-2,221	Balance on current account	1,223	-62	654
Income on Mexican investments in U.S.	-111	-147	-230				
Other	-350	-439	-473				

- Represents zero.

## NO. 1599. U.S. DIRECT INVESTMENT IN MEXICO—DIRECT INVESTMENT POSITION AND INCOME, BY TYPE OF INDUSTRY: 1966 TO 1978

(In millions of dollars. Direct investment abroad means ownership or control, directly or indirectly, by one U.S. person or business enterprise of 10 percent or more of the voting securities of an incorporated foreign business enterprise or an equivalent interest in an unincorporated foreign business enterprise. Direct investment position is value at yearend of U.S. parents' claims on the equity of, and receivables due from, foreign affiliates less foreign affiliates' receivables due from U.S. Income consists of U.S. parents' shares in earnings (net of foreign income taxes) of their foreign affiliates plus net interest on intercompany accounts, less withholding taxes on dividends and interest)

TYPE OF INDUSTRY	DIRECT INVESTMENT POSITION							INCOME						
	1966	1970	1974	1975	1976	1977	1978	1966	1970	1974	1975	1976	1977	1978
All industries	1,329	1,912	2,854	3,200	2,976	3,230	3,712	108	146	394	455	70	322	597
Mining and smelting	95	127	83	80	89	98	97	17	2	33	16	9	9	14
Petroleum	29	10	18	22	17	26	41	(Z)	2	8	7	2	4	9
Manufacturing	927	1,380	2,173	2,442	2,218	2,391	2,752	75	121	291	348	22	201	448
Food products	107	132	191	223	224	207	229	8	13	32	47	23	21	36
Chemicals and allied products	261	375	652	720	654	699	785	20	39	91	101	1	60	101
Primary and fabricated metals	72	129	194	224	213	219	244	7	10	27	33	6	13	35
Machinery	177	264	427	480	451	451	512	13	30	59	72	5	20	92
Transportation equip.	121	151	240	267	221	298	370	8	12	19	22	-7	29	82
Other manufacturing	190	330	469	528	455	517	612	19	18	62	72	-7	58	101
Trade	136	207	400	476	448	502	563	8	13	45	67	19	87	77
Other industries	142	187	180	180	206	213	259	7	8	17	16	17	20	49

Z Less than \$500,000.

Source, 1598, 1599: U.S. Bureau of Economic Analysis, *Survey of Current Business*, various monthly issues.

## NO. 1600. U.S. TRADE WITH MEXICO, BY SELECTED COMMODITY GROUPS: 1970 TO 1978

[Totals and subtotals include data for commodities not shown separately. Prior to 1974, imports are on customs value basis; beginning 1974, imports are on free alongside ship (f.a.s.) transaction value basis]

COMMODITY GROUP	VALUE (mil. dol.)							PERCENT OF U.S. TOTAL VALUE	
	1970	1973	1974	1975	1976	1977	1978	1970	1978
<b>Exports, to Mexico, total</b>	<b>1,704</b>	<b>2,937</b>	<b>4,856</b>	<b>5,160</b>	<b>5,002</b>	<b>4,822</b>	<b>6,681</b>	<b>4</b>	<b>5</b>
Food, beverages, and tobacco	102	263	648	512	248	484	537	2	3
Crude materials, inedible, exc. fuels	146	228	378	322	301	340	576	3	4
Mineral fuels and related materials	67	114	174	218	181	150	178	4	5
Chemicals	171	273	490	503	530	555	673	4	5
Organic chemicals	63	99	201	180	211	222	275	6	8
Plastic materials and resins	25	48	102	73	98	121	138	4	7
Machinery and transport equipment	801	1,367	1,992	2,428	2,511	2,141	3,034	4	5
Machinery, total	572	986	1,355	1,670	1,926	1,585	2,256	5	6
Power machinery, switchgear	49	103	132	126	196	158	237	8	9
Electron tubes, transistors, and semi-conductor devices	49	80	143	139	140	110	147	9	7
Transport equipment	228	581	639	759	586	556	779	4	4
Passenger cars	38	98	136	150	131	119	75	5	2
Automotive parts for assembly	56	109	156	197	173	182	463	6	10
Other manufactured goods	294	498	821	852	931	848	1,185	4	5
Paper and manufactures	30	52	95	96	112	122	109	5	7
Iron and steel mill products	40	75	166	168	163	109	218	3	13
<b>Imports from Mexico, total</b>	<b>1,218</b>	<b>2,306</b>	<b>3,391</b>	<b>3,060</b>	<b>3,599</b>	<b>4,694</b>	<b>6,093</b>	<b>3</b>	<b>4</b>
Food, beverages, and tobacco	581	858	931	651	893	1,235	1,315	9	8
Shrimp and prawns	70	110	144	139	163	188	171	36	40
Tomatoes, fresh or frozen	95	115	64	64	73	150	161	99	99
Coffee, green	64	122	107	133	254	370	272	6	7
Crude materials, inedible, exc. fuels	105	130	181	189	166	171	157	3	2
Mineral fuels and related materials	61	22	31	372	448	805	1,517	2	4
Crude petroleum	42	17	15	320	398	851	1,490	3	2
Chemicals	25	41	87	75	92	114	193	2	3
Machinery and transport equipment	154	578	898	854	1,006	1,038	1,415	1	3
Machinery, total	142	506	778	747	897	886	1,213	3	5
TV apparatus	25	126	186	208	229	220	149	29	28
Transport equipment	12	72	121	106	108	152	202	(z)	1
Other manufactured goods	220	571	1,094	738	827	1,018	1,251	2	3
Clothing	29	100	150	154	164	167	204	2	4

Z Less than 0.5 percent.

Source: U.S. Dept. of Commerce, Industry and Trade Administration, *Overseas Business Reports*, *United States Trade with Major Trading Partners*, annual.

## NO. 1601. AGRICULTURAL TRADE BETWEEN UNITED STATES AND MEXICO: 1975 TO 1978

COMMODITY	QUANTITY				VALUE (mil. dol.)				
	Unit of measure	1975	1976	1977	1978	1975	1976	1977	1978
<b>Total agricultural imports from Mexico<sup>1</sup></b>									
Coffee	(X)	(X)	(X)	(X)	509	711	1,013	1,104	
Vegetables and preparations	Mil. lb.	297	259	196	195	138	268	397	295
Tomatoes <sup>2</sup>	(X)	(X)	(X)	(X)	(NA)	(NA)	459	579	
Peppers	Mil. lb.	569	649	785	814	64	72	149	161
Fruits <sup>3</sup> and nuts	Mil. lb.	62	88	113	(NA)	8	10	21	(NA)
Melons	(X)	(X)	(X)	(X)	23	34	54	(NA)	
Strawberries	Mil. lb.	299	348	379	(NA)	20	24	30	(NA)
Cattle, live	1,000	196	507	595	815	25	61	80	130
Beef	Mil. lb.	30	52	60	63	19	33	38	56
<b>Total agricultural exports to Mexico<sup>1</sup></b>									
Grains and products	(X)	(X)	(X)	(X)	(X)	(X)	(NA)	(NA)	
Corn	Mil. bu.	55	27	68	56	209	83	176	160
Sorghum	Mil. bu.	20	(Z)	26	26	62	1	67	65
Wheat	Mil. bu.	2	(Z)	17	24	13	(Z)	41	89
Soybeans <sup>4</sup>	(X)	(X)	(X)	(X)	25	59	176	221	
Cattle hides	1,000	2,350	1,690	1,944	1,933	26	28	35	49

NA Not available. X Not applicable. Z Less than 500,000 bushels or \$500,000.

<sup>1</sup> Includes other commodities, not shown separately.

<sup>2</sup> Excludes canned tomatoes and paste. <sup>3</sup> Includes preparations.

<sup>4</sup> Includes soybean meal and oil.

Source: U.S. Dept. of Agriculture, Economics, Statistics and Cooperatives Service, FATUS, *Foreign Agriculture Trade of the United States*, periodic.